



**भारत सरकार  
विद्युत मंत्रालय**

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**MONTHLY REPORT ON BROAD STATUS  
OF THERMAL POWER PROJECTS IN THE  
COUNTRY**

**December - 2016**



**ताप विद्युत परियोजना प्रबोधन प्रभाग  
केन्द्रीय विद्युत प्राधिकरण  
नई दिल्ली**

**THERMAL PROJECT MONITORING DIVISION  
CENTRAL ELECTRICITY AUTHORITY  
NEW DELHI**

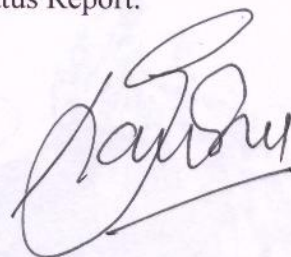
## **FOREWORD**

As per clause 73(f) of Electricity Act 2003, Central Electricity Authority is to “promote and assist in the timely completion of schemes and projects”. The Thermal Project Monitoring (TPM) Divisions of CEA are entrusted with the responsibility of monitoring the progress of construction/erection activities of all the thermal power projects in the country till the units are commissioned. Visits are also made by CEA officers to the sites for assessing the on-spot progress of works and rendering the advice/assistance in solving the problems being faced by the project authorities, thereby helping the project authorities in avoiding/minimizing the time and cost overruns of the thermal power projects.

In this context, Thermal Project Monitoring Divisions, Central Electricity Authority have been bringing out monthly report entitled “Broad Status of Thermal Power Projects in the Country”. This report covers up-to-date information in respect of 12<sup>th</sup> plan thermal power projects under execution in the country. The report gives the details of the milestones achieved as on date, along with the name, capacity, location, implementing agency, commissioning schedule, type of fuel, construction agency, estimated cost besides highlighting critical issues requiring immediate attention of concerned authorities in the implementation of thermal power projects in the country.

The Broad Status Report is being brought out regularly by TPM divisions on the basis of data forwarded by various project authorities, visits made by CEA Engineers to various power projects, holding discussions with the executing agencies and suppliers of equipments from time to time.

We welcome feedback for further improvement in the Broad Status Report.



**Place: New Delhi**

**Dated: 24<sup>th</sup> January, 2017**

**(Phool Chandra)  
Chief Engineer (TPM-II)**

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This report is based on the details received from various project authorities & other organizations / agencies associated with the project and is for information and non-commercial use only. CEA is not responsible for the contents or reliability of other websites to which CEA provides a link and do not necessarily endorse the views expressed by them.

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**1 12th Plan Capacity Addition Programme:**

- 1.1 Total Capacity Addition (MW) Programme During 12th Plan ( As per Mid Term Target)

| SECTOR   | THERMAL | HYDRO | NUCLEAR | TOTAL   |
|----------|---------|-------|---------|---------|
| CENTERAL | 14877.6 | 6004  | 5300    | 26181.6 |
| STATE    | 13920.4 | 1608  |         | 15528.4 |
| PRIVATE  | 43530   | 3285  |         | 46815   |
| TOTAL    | 72339.6 | 10897 | 5300    | 88525   |

- 1.2 Year wise Sector wise Thermal capacity Addition Target / Achievement During 12th Plan:

( in MW)

| Year                  | Thermal capacity addition during 12th Plan (MW) |         |         |         | Target  | % Achievement |
|-----------------------|-------------------------------------------------|---------|---------|---------|---------|---------------|
|                       | Central                                         | State   | Private | Total   |         |               |
| 2012-13               | 5023.3                                          | 3911    | 11187.5 | 20121.8 | 15154.3 | 132.78%       |
| 2013-14               | 1660                                            | 3322    | 11785   | 16767   | 15234.3 | 110.06%       |
| 2014-15               | 2659.2                                          | 4886.1  | 13285   | 20830.3 | 14988.3 | 138.98%       |
| 2015-16               | 3295.6                                          | 6460    | 12705   | 22460.6 | 17346.1 | 129.49%       |
| 2016-17 (upto Dec-16) | 825.5                                           | 2510    | 3768    | 7103.5  | 13440.5 | 52.85%        |
| Total                 | 13463.6                                         | 21089.1 | 52730.5 | 87283.2 |         | 120.66%       |

- 2 Under Construction Thermal Power Projects (as on 31.12.2016) likely to be Commissioned during remaining period of 12th Plan and beyond are as follows:

| SECTOR   | CAPACITY (MW) |
|----------|---------------|
| CENTERAL | 24805         |
| STATE    | 17218.4       |
| PRIVATE  | 29445         |
| TOTAL    | 71468.4       |

| 2.0 Thermal Capacity Addition Target/ Achievement for the Year 2012-13 |                            |                            |                      |          |              |                    |              |                                     |              |
|------------------------------------------------------------------------|----------------------------|----------------------------|----------------------|----------|--------------|--------------------|--------------|-------------------------------------|--------------|
| State                                                                  | Project Name               | Impl Agency                | Unit No              | LOA Date | BTG Supplier | Targeted Cap. (MW) | Com Cap (MW) | Comm. Date                          |              |
|                                                                        |                            |                            |                      |          |              |                    |              | Envisage d at the beginning of year | Ant. /Act(A) |
| CENTRAL SECTOR                                                         |                            |                            |                      |          |              |                    |              |                                     |              |
| Chhattisgarh                                                           | Sipat -I                   | NTPC                       | U-3                  | Apr-04   | Others       | 660                | 660          | 06/12                               | 02.06.12(A)  |
| Haryana                                                                | Indira Gandhi TPP          | APCPL                      | U-3                  | Jul-07   | BHEL         | 500                | 500          | 12/12                               | 07.11.12(A)  |
| Jharkhand                                                              | Kodarma TPP                | DVC                        | U-2                  | Jun-07   | BHEL         | 500                | 500          | 12/12                               | 15.02.13(A)  |
| Maharashtra                                                            | Mouda TPP                  | NTPC                       | U-1                  | Nov-08   | BHEL         | 500                | 500          | 07/12                               | 19.04.12(A)  |
| Maharashtra                                                            | Mouda TPP                  | NTPC                       | U-2                  | Nov-08   | BHEL         |                    | 500          |                                     | 29.03.13(A)  |
| MP                                                                     | Vindhyachal TPP-IV         | NTPC                       | U-11                 | Jan-09   | BHEL         | 500                | 500          | 07/12                               | 14.06.12(A)  |
| MP                                                                     | Vindhyachal TPP-IV         | NTPC                       | U-12                 | Jan-09   | BHEL         |                    | 500          |                                     | 22.03.13(A)  |
| TN                                                                     | Vallur TPP Ph-I            | NTECL                      | U-2                  | Aug-07   | BHEL         | 500                | 500          | 02/13                               | 28.02.13(A)  |
| Tripura                                                                | Tripura Gas                | ONGC                       | Module-1             | Jun-08   | BHEL         | 363.3              | 363.3        | 11/12                               | 03.01.13 (A) |
| UP                                                                     | Rihand TPP-III             | NTPC                       | U-5                  | Feb-09   | BHEL         | 500                | 500          | 06/12                               | 25.05.12(A)  |
|                                                                        |                            |                            | Total Central Sector |          |              | 4023.3             | 5023.3       |                                     |              |
| STATE SECTOR                                                           |                            |                            |                      |          |              |                    |              |                                     |              |
| Chhattisgarh                                                           | Korba West Extn.St.III TPP | CSEB                       | U-5                  |          | BEHL         |                    | 500          |                                     | 22.03.13(A)  |
| Chhattisgarh                                                           | Marwa TPP                  | CSEB                       | U-1                  | Apr-08   | BHEL         | 500                |              | 02/13                               | Slipped      |
| Delhi                                                                  | Pragati CCGT - III         | PPCL                       | GT-3                 | May-08   | BHEL         | 250                | 250          | 08/12                               | 27.06.12(A)  |
| Gujarat                                                                | Pipavav CCGP               | GSECL                      | Block-2              | Dec-07   | BHEL         | 351                | 351          | 01/13                               | 27.03.13(A)  |
|                                                                        | Ukai TPP Extn              | GSECL                      | U-6                  | Sep-07   | BHEL         | 490                | 490          | 12/12                               | 05.03.13(A)  |
| Rajasthan                                                              | Ramgarh CCGT               | RRVUNL                     | GT                   | Aug-09   | BHEL         | 110                | 110          | 01/13                               | 20.03.13(A)  |
|                                                                        | Ramgarh CCGT               | RRVUNL                     | ST-1                 |          | BHEL         | 50                 |              | 02/13                               | Slipped      |
| MP                                                                     | Satpura TPP Extn.          | MPPGCL                     | U-10                 | Mar-08   | BHEL         | 250                | 250          | 02/13                               | 22.03.13(A)  |
| TN                                                                     | Mettur TPP Ext             | TNEB                       | U-1                  | Aug-08   | Chinese      | 600                | 600          | 06/12                               | 11.10.12(A)  |
|                                                                        | North Chennai Extn.        | TNEB                       | U-2                  | Aug-08   | BHEL         | 600                | 600          | 03/13                               | 09.03.13(A)  |
| UP                                                                     | Harduaganj Ext             | UPRVUNL                    | U-9                  | Jun-06   | BHEL         | 250                | 250          | 05/12                               | 25.05.12(A)  |
|                                                                        | Parichha Extn              | UPRVUNL                    | U-5                  | Jun-06   | BHEL         | 250                | 250          | 06/12                               | 24.05.12(A)  |
|                                                                        | Parichha Extn              | UPRVUNL                    | U-6                  |          |              | 250                | 250          | 09/12                               | 11.03.13(A)  |
|                                                                        |                            |                            | Total -State Sector  |          |              | 3951               | 3911         |                                     |              |
| PRIVATE SECTOR                                                         |                            |                            |                      |          |              |                    |              |                                     |              |
| AP                                                                     | Simhapuri TPP Ph-1         | Madhucon Projects Ltd.     | U-2                  | Jan-09   | Chinese      | 150                | 150          | 09/12                               | 02.07.12(A)  |
|                                                                        | Thamminapat nam TPP-I      | Meenakshi Energy Pvt. Ltd. | U-1                  | Aug-09   | Chinese      | 150                | 150          | 08/12                               | 09.09.12(A)  |
|                                                                        | Thamminapat nam TPP-I      | Meenakshi Energy Pvt. Ltd. | U-2                  |          |              | 150                |              | 11/12                               | Slipped      |
| Chhattisgarh                                                           | Kasaipalli TPP             | M/s ACB (India)            | U-2                  | Nov-08   | Chinese      | 135                | 135          | 06/12                               | 21.06.12(A)  |
|                                                                        | Salora TPP                 | M/s Vandna Vidyut          | U-1                  | Nov-08   | Chinese      | 135                |              | 12/12                               | Slipped      |
|                                                                        | Swastik Korba TPS          | ACB                        | U-1                  |          | Others       | 25                 |              | 06/12                               | Slipped      |
|                                                                        | Ratija TPP                 | SCPL                       | U-1                  |          | Chinese      |                    | 50           |                                     | 04.02.13(A)  |

|             |                                           |                           |                            |        |         |         |         |       |              |
|-------------|-------------------------------------------|---------------------------|----------------------------|--------|---------|---------|---------|-------|--------------|
| Gujarat     | Mundra Ultra Mega TPP                     | Tata Power Co.            | U-2                        | May-07 | Others  | 800     | 800     | 12/12 | 25.07.12(A)  |
|             | Mundra Ultra Mega TPP                     | Tata Power Co.            | U-3                        | May-07 | Others  |         | 800     |       | 16.10.12(A)  |
|             | Mundra Ultra Mega TPP                     | Tata Power Co.            | U-4                        | May-07 | Others  |         | 800     |       | 16.01.13(A)  |
|             | Mundra Ultra Mega TPP                     | Tata Power Co.            | U-5                        | Jun-07 | Others  |         | 800     |       | 18.03.13(A)  |
|             | UNO-SUGEN CCPP                            | Torrent Power Ltd.        | Mod-1                      |        | Others  |         | 382.5   |       | 20.01.13(A)  |
|             | Salaya TPP                                | ESSAR                     | U-2                        | Nov-07 | Chinese | 600     | 600     | 08/12 | 13.06.12(A)  |
| Haryana     | Jhajjar TPP (Mahatma Gandhi TPP)          | CLP Power India Pvt. Ltd. | U-2                        | Jan-09 | Chinese | 660     | 660     | 04/12 | 11.04.12(A)  |
| Jharkhand   | Adhunik Power TPP                         | Adhunik Power Co. Ltd.    | U-1                        | May-09 | BHEL    | 270     | 270     | 09/12 | 19.11.12(A)  |
|             | Adhunik Power TPP                         | Adhunik Power Co. Ltd.    | U-2                        | May-09 | BHEL    |         | 270     |       | 29.03.13(A)  |
|             | Corporate Power Ltd Ph-I (Maitrishi Usha) | M/s Corporate Power Ltd.  | U-1                        | Dec-09 | BHEL    | 270     |         | 12/12 | Slipped      |
| Maharashtra | Bela TTP-I                                | IEPL                      | U-1                        | Dec-08 | BHEL    | 270     | 270     | 09/12 | 20.03.13(A)  |
|             | Butibori TPP Ph-II                        | Vidarbha Industries Power | U-1                        | Dec-09 | Chinese | 300     | 300     | 08/12 | 17.08.12 (A) |
|             | EMCO Warora TPP                           | EMCO Energy Ltd. (GMR)    | U-1                        | Sep-09 | Chinese | 300     | 300     | 11/12 | 07.02.13(A)  |
|             | Tirora TPP Ph-I                           | Adani Power Ltd           | U-1                        | Feb-08 | Chinese | 660     | 660     | 08/12 | 11.09.12(A)  |
|             | Tirora TPP Ph-I                           | Adani Power Ltd           | U-2                        |        |         | 660     | 660     | 11/12 | 25.03.13(A)  |
|             | Tirora TPP Ph-II                          | Adani Power Ltd           | U-1                        |        |         | 660     |         | 02/13 | Slipped      |
|             | GEPL TPP                                  | GEPL Pvt. Ltd.            | U-2                        | Mar-09 | Chinese |         | 60      |       | 28.04.12(A)  |
|             | GEPL TPP                                  | GEPL Pvt. Ltd.            | U-1                        |        | Chinese |         | 60      |       | 08.09.12(A)  |
|             | Amaravathi TPP Ph-I                       | Indiabulls                | U-1                        |        | BHEL    |         | 270     |       | 25.03.13(A)  |
| MP          | Bina TPP                                  | Bina Power Ltd.           | U-1                        | Sep-08 | BHEL    | 250     | 250     | 09/12 | 12.08.12(A)  |
|             | Bina TPP                                  | Bina Power Ltd.           | U-2                        | Sep-08 | BHEL    |         | 250     |       | 31.03.13(A)  |
|             | Mahan                                     | Essar Power Ltd.          | U-1                        |        | Chinese |         | 600     |       | 24.02.13(A)  |
| Orissa      | Sterlite TPP                              | Sterlite Energy Ltd.      | U-4                        | Sep-08 | Chinese | 600     | 600     | 06/12 | 25.04.12(A)  |
|             | Kamalanga TPP                             |                           | U-1                        |        | Chinese |         | 350     |       | 29.03.13(A)  |
| Rajasthan   | Jallipa-Kapurdi TPP                       | Raj west power Ltd (JSW)  | U-5                        | Mar-07 | Chinese | 135     | 135     | 03/13 | 05.02.13(A)  |
|             |                                           |                           | U-6                        | Apr-07 | Chinese |         | 135     |       | 03.03.13(A)  |
|             |                                           |                           | U-7                        | Jun-07 | Chinese |         | 135     |       | 16.03.13(A)  |
|             |                                           |                           | U-8                        | May-07 | Chinese |         | 135     |       | 28.02.13(A)  |
| TN          | Tuticorin TPP                             | Ind Barath                | U-1                        |        | Chinese |         | 150     |       | 10.03.13(A)  |
|             |                                           |                           | Total -Private Sector      |        |         | 7180    | 11187.5 |       |              |
|             |                                           |                           | Total for the year 2012-13 |        |         | 15154.3 | 20121.8 |       |              |

| 2.1 Thermal Capacity Addition Target/ Achievement for the Year 2013-14 |                              |                      |                      |             |                                             |                    | As on 31.03.14    |                   |                              |
|------------------------------------------------------------------------|------------------------------|----------------------|----------------------|-------------|---------------------------------------------|--------------------|-------------------|-------------------|------------------------------|
| State                                                                  | Project Name                 | Impl Agency          | Unit No              | LOA Date    | BTG Supplier                                | Targeted Cap. (MW) | Commnd. Cap. (MW) | Actual Comm. Date | At the beginning of the year |
| CENTRAL SECTOR                                                         |                              |                      |                      |             |                                             |                    |                   |                   |                              |
| Bihar                                                                  | Barh STPP St-II              | NTPC                 | 4                    | 03/08&10/08 | BHEL                                        | 660                | 660               | 30/11/13          | 12/13                        |
| TN                                                                     | Vallur TPP Ph-I              | NTPC/ NTECL/ TNEB-JV | 3                    | 07/09       | BHEL                                        | 500                | 500               | 28.02.2014        | 03/14                        |
| TN                                                                     | Tuticorin TPP                | NLC/ TNEB-JV         | 1                    | 01/09       | BHEL                                        | 500                |                   | Slipped           | 03/14                        |
| Tripura                                                                | Tripura CCGT                 | ONGC JV              | Blk-2                | 06/08       | BHEL                                        | 363.3              |                   | Slipped           | 09/13                        |
| UP                                                                     | Rihand STPP St-III           | NTPC                 | 6                    | 02/09       | BHEL                                        | 500                | 500               | 7/10/2013         | 12/13                        |
| WB                                                                     | Raghunathpur TPP             | DVC                  | 1                    | 12/07       | CHINA                                       | 600                |                   | Slipped           | 03/14                        |
|                                                                        |                              |                      | Total Central Sector |             |                                             | 3123.3             | 1660              |                   |                              |
| STATE SECTOR                                                           |                              |                      |                      |             |                                             |                    |                   |                   |                              |
| Chhattisgarh                                                           | Marwa TPP                    | CSEB                 | 1                    | 04/08       | BHEL                                        | 500                | 500               | 30.03.2014        | 09/13                        |
| Delhi                                                                  | Pragati St-III CCGT          | PPCL                 | GT-4                 | 05/08       | BHEL                                        | 250                | 250               | 7/5/2013          | 06/13                        |
| Delhi                                                                  | Pragati St-III CCGT          | PPCL                 | ST-2                 | 05/08       | BHEL                                        | 250                | 250               | 26.02.2014        | 09/13                        |
| Gujarat                                                                | Pipavav JV CCGT              | GSECL                | Block-1              | 12/07       | BHEL                                        | 351                | 351               | 05/02/2013        | 09/13                        |
| MP                                                                     | Shree Singaji TPP(Malwa TPP) | MPPGCL               | 1                    | 12/08       | BHEL                                        | 600                | 600               | 18/11/2013        | 06/13                        |
| MP                                                                     | Satpura TPS Extn.            | MPPGCL               | 11                   | 03/08       | BHEL                                        | 250                | 250               | 25/12/2013        | 10/13                        |
| Maharashtra                                                            | Chandrapur TPS Extn.         | MAHAGENCO            | 8                    | 07/08       | BHEL                                        | 500                |                   | Slipped           | 12/13                        |
| Rajasthan                                                              | Kalisindh TPP                | RRVUNL               | 1                    | 07/08       | SEPCO, CHINA                                | 600                |                   | Slipped           | 12/13                        |
| Rajasthan                                                              | Chhabra TPS Extn.            | RRVUNL               | 3                    | 08/08       | BHEL                                        | 250                | 250               | 14/09/13          | 06/13                        |
| Rajasthan                                                              | Chhabra TPS Extn.            | RRVUNL               | 4                    | 08/08       | BHEL                                        | 250                |                   | Slipped           | 01/14                        |
| Rajasthan                                                              | Ramgarh CCPP                 | RRVUNL               | ST                   | 08/09       | BHEL                                        | 50                 |                   | Slipped           | 12/13                        |
| TN                                                                     | North Chennai TPS Extn.      | TNEB                 | 1                    | 08/08       | BHEL                                        | 600                | 600               | 13/09/13          | 09/13                        |
|                                                                        |                              |                      | Total -State Sector  |             |                                             | 4451               | 3051              |                   |                              |
| PRIVATE SECTOR                                                         |                              |                      |                      |             |                                             |                    |                   |                   |                              |
| AP                                                                     | Vizag TPP                    | Hinduja              | 1                    | 03/10       | BHEL                                        | 520                |                   |                   | 03/14                        |
| AP                                                                     | Thamminapatnam TPP           | Meena-kshi Energy    | 2                    | 08/09       | Chinese                                     | 150                | 150               | 17/04/13          | 09/13                        |
| Chhattisgarh                                                           | Tamnar TPP                   | Jindal Power         | 1                    | 12/08       | BHEL                                        | 600                | 600               | 10.03.2014        | 03/14                        |
| Chhattisgarh                                                           | Vandana Vidyut TPP           | Vandana Vidyut TPP   | 1                    | 05/08       | BOILER: CETHAR VESSELS LTD TG: CNAIC, CHINA | 135                |                   | Slipped           | 06/13                        |
| Chhattisgarh                                                           | DB Power TPP                 | DB Power Ltd         | 1                    | 05/10       | BHEL                                        | 600                | 600               | 23.02.2014        | 12/13                        |
| Chhattisgarh                                                           | Swastik Korba TPP            | ACB                  | 1                    | 02/10       | BOILER: IJT; TURBINE: SIEMENS               | 25                 |                   | Slipped           | 12/13                        |
| Chhattisgarh                                                           | Akaltara TPP                 | KSK Mahanadi         | 1                    | 04/09       | SEC,CHINA                                   | 600                | 600               | 13/08/13          | 09/13                        |
| MP                                                                     | Sasan UMPP                   | Reliance Power       | 3                    | 06/08       | SEC, CHINA                                  | 660                | 660               | 30/5/13           | 05/13                        |
| MP                                                                     | Sasan UMPP                   | Reliance Power       | 2                    | 06/08       | SEC, CHINA                                  | 660                | 660               | 18/12/13          | 09/13                        |
| Maharashtra                                                            | Nasik TPP Ph-I               | India Bulls          | 1                    | 11/09       | BHEL                                        | 270                | 270               | 25.02.2014        | 09/13                        |

|                                  |                                     |                                             |                                   |        |                 |         |       |            |       |
|----------------------------------|-------------------------------------|---------------------------------------------|-----------------------------------|--------|-----------------|---------|-------|------------|-------|
| Maha-rashtra                     | Dhariwal Infrastructure (P) Ltd.TPP | Dhariwal Infra-structure (P) Ltd.           | 1                                 | 04/10  | SEC, CHINA      | 300     | 300   | 3/11/2013  | 06/13 |
| Maha-rashtra                     | Dhariwal Infrastructure (P) Ltd.TPP | Dhariwal Infra-structure (P) Ltd.           | 2                                 | 04/10  | SEC, CHINA      | 300     |       | Slipped    | 12/13 |
| Maha-rashtra                     | EMCO Warora TPP                     | GMR EMCO Energy Ltd.                        | 2                                 | 09/09  | SEC, CHINA      | 300     | 300   | 27/08/2013 | 06/13 |
| Maha-rashtra                     | Tirora TPP Ph-II                    | Adani Power                                 | 1                                 | 02/08  | SCMEC, CHINA    | 660     | 660   | 10/6/2013  | 06/13 |
| Orissa                           | Derang TPP                          | Jindal India Thermal Power                  | 1                                 | 07/09  | BHEL            | 600     |       | Slipped    | 12/13 |
| Orissa                           | Kamalang TPP                        | GMR Energy                                  | 2                                 | 08/08  | SEPCO III, CHNA | 350     | 350   | 28/09/13   | 09/13 |
| Punjab                           | Goindwal Sahib TPP                  | GVK Industries                              | 1                                 | 02/09  | BHEL            | 270     |       | Slipped    | 06/13 |
| Punjab                           | Talwandi Sahib TPP                  | Sterlite                                    | 1                                 | 07/09  | SEPCO I, CHINA  | 660     |       | Slipped    | 01/14 |
|                                  |                                     |                                             | Total -Private Sector             |        |                 | 7660    | 5150  |            |       |
|                                  |                                     |                                             | Total for during the year 2013-14 |        |                 | 15234.3 | 9861  |            |       |
|                                  |                                     |                                             |                                   |        |                 |         |       |            |       |
| Additional Capacity Commissioned |                                     |                                             |                                   |        |                 |         |       |            |       |
| Rajasthan                        | Kawai TPP                           | Adani Power Rajasthan Ltd.                  | 1                                 | 04/10  | Chinese         |         | 660   | 28/05/2013 |       |
| Tripura                          | Rokhia GT                           | Tripura State Electricity Corporation Ltd.) | 9                                 |        | BHEL            |         | 21    | 31/08/2013 |       |
| Rajasthan                        | Kawai TPP                           | Adani Power Rajasthan Ltd.                  | 2                                 | 04/10  | Chinese         |         | 660   | 24/12/2013 |       |
| MP                               | Niwari TPP                          | BLA Power Pvt.Ltd                           | 1                                 |        | Chinese         |         | 45    | 10/12/2013 |       |
| TN                               | Tuticorin Indbarath                 | Indbarath Ltd                               | 2                                 |        | Chinese         |         | 150   | 30/12/2013 |       |
| Punjab                           | Rajpura TPP                         | Nabha Power                                 | 1                                 | Jul-10 | L&T             |         | 700   | 24/01/2014 |       |
| Gujarat                          | Dgen CCPP                           | Torrent Power                               | Block-I                           | Jul-10 | Siemens Germany |         | 400   | 12/01/2014 |       |
| Maharash tra                     | Amaravati TPP Ph-I                  | India bulls Power Ltd                       | 2                                 | Nov-09 | BHEL            |         | 270   | 17.02.2014 |       |
| AP                               | Simhapuri TPS Ph-II                 | Simhapuri Energy Pvt Ltd                    | 3                                 | Mar-10 | Chinese         |         | 150   | 21.02.2014 |       |
| Gujarat                          | Dgen CCPP                           | Torrent Power                               | Block-3                           | Jul-10 | Siemens Germany |         | 400   | 09/03/2014 |       |
| Orissa                           | Kamalang TPP                        | GMR Energy                                  | 3                                 | 08/08  | SEPCO III, CHNA |         | 350   | 21/03/14   |       |
| Maha-rashtra                     | Tirora TPP Ph-II                    | Adani Power                                 | 2                                 | 02/08  | SCMEC, CHINA    |         | 660   | 23/3/2014  |       |
| MP                               | Sasan UMPP                          | Reliance Power                              | 4                                 | 06/08  | SEC, CHINA      |         | 660   | 25/03/14   |       |
| Chhattis-garh                    | Tamnar TPP                          | Jindal Power                                | 2                                 | 12/08  | BHEL            |         | 600   | 30.03.2014 |       |
| Chhattis-garh                    | Chakabura TPP                       | ACBIL                                       | 1                                 |        | Chinese         |         | 30    | 28.03.2014 |       |
| West Bengal                      | Durgapur TPS Extn                   | DPL                                         | 8                                 |        | BHEL            |         | 250   | 31.03.2014 |       |
| Chhattis-garh                    | Avantha Bhandar TPP                 | KWPCL                                       | 1                                 |        | BHEL            |         | 600   | 31.03.2014 |       |
| Maha-rashtra                     | Butibori TPP Ph-II                  | Vidarbha Industries Power Ltd               | 2                                 |        | Chinese         |         | 300   | 31.03.2014 |       |
|                                  |                                     |                                             | Total Addl.Capacity               |        |                 |         | 6906  |            |       |
|                                  |                                     |                                             | Total for the Year 2013-14        |        |                 |         | 16767 |            |       |

| 2.2 Thermal Capacity Addition Target/ Achievement for the Year 2014-15 |                           |                                        |                                  |      |         |                          |                    |                 |                   |                              |
|------------------------------------------------------------------------|---------------------------|----------------------------------------|----------------------------------|------|---------|--------------------------|--------------------|-----------------|-------------------|------------------------------|
| State                                                                  | Project Name              | Impl Agency                            | Equip. Supplier                  | Fuel | Unit No | LOA date                 | Targeted Cap. (MW) | Comm. Cap. (MW) | Actual Comm. Date | At the beginning of the year |
| <b>CENTRAL SECTOR</b>                                                  |                           |                                        |                                  |      |         |                          |                    |                 |                   |                              |
| Bihar                                                                  | Barh STPP-II              | NTPC                                   | BHEL                             | Coal | U-5     | SG:03/2008<br>TG:10/2008 | 660                | 660             | 04.03.2015        | Feb-15                       |
|                                                                        | Muzaffarpur TPS Exp       | KBUNL (JV of NTPC & BSEB)              | BHEL                             | Coal | U-3     | 03/2010                  | 195                | 195             | 31.03.2015        | Mar-15                       |
| TN                                                                     | Tuticorin TPP             | NTPL (JV of NLC & TANGEDCO)            | BHEL                             | Coal | U-1     | 28.01.09                 | 500                | 500             | 10.03.2015        | Oct-14                       |
|                                                                        |                           |                                        | BHEL                             | Coal | U-2     |                          | 500                |                 |                   | Feb-15                       |
| Tripura                                                                | Palatana CCPP             | OTPC (JV of ILFS, ONGC & Tripura Govt) | BHEL                             | Gas  | BLK-2   | 23.06.08                 | 363.3              | 363.3           | 16.11.2014        | Aug-14                       |
| WB                                                                     | Raghunathpur TPP, Ph-I    | DVC                                    | Chinese                          | Coal | U-1     | 14.12.2007               | 600                | 600             | 24.08.2014        | Aug-14                       |
| <b>Total Central Sector</b>                                            |                           |                                        |                                  |      |         |                          | <b>2818.3</b>      | <b>2318.3</b>   |                   |                              |
| <b>STATE SECTOR</b>                                                    |                           |                                        |                                  |      |         |                          |                    |                 |                   |                              |
| AP                                                                     | Damodaram Sanjeevaiah TPP | APPDCL                                 | Blr- BHEL TG- L&T                | Coal | U-1     | SG:08/2008<br>TG:09/2008 | 800                | 800             | 28.08.2014        | Jun-14                       |
|                                                                        |                           |                                        |                                  |      | U-2     |                          | 800                | 800             | 17.03.2015        | Jan-15                       |
| Chhattisgarh                                                           | Marwa TPP                 | CSPGCL                                 | BHEL                             | Coal | U-2     | 11.04.08                 | 500                |                 | Slipped           | Dec-14                       |
| Maharashtra                                                            | Chandrapur TPS            | MSPGCL                                 | BHEL                             | Coal | U-8     | 25.07.08                 | 500                | 500             | 29.03.2015        | Oct-14                       |
|                                                                        | Koradi TPS Expn.          | MSPGCL                                 | L&T                              | Coal | U-8     | 23.09.09                 | 660                | 660             | 30.03.2015        | Oct-14                       |
|                                                                        | Koradi TPS Expn.          | MSPGCL                                 | L&T                              | Coal | U-9     |                          | 660                |                 | Slipped           | Jan-15                       |
|                                                                        | Parli TPS Expn.           | MSPGCL                                 | BHEL                             | Coal | U-8     | 21.01.09                 | 250                |                 | Slipped           | Nov-14                       |
| MP                                                                     | Malwa TPP (Shree Singaji) | MPPGCL                                 | BHEL                             | Coal | U-2     | 12.12.08                 | 600                | 600             | 15.10.2014        | Sep-14                       |
| Rajasthan                                                              | Kalisindh TPP             | RRVUNL                                 | Chinese                          | Coal | U-1     | 09.07.08                 | 600                | 600             | 02.05.2014        | Jun-14                       |
|                                                                        | Kalisindh TPP             |                                        | Chinese                          | Coal | U-2     |                          | 600                |                 | Slipped           | Jan-15                       |
|                                                                        | Ramgarh CCPP              |                                        | BHEL                             | Gas  | ST      | 18.08.09                 | 50                 | 50              | 01.05.2014        | Jul-14                       |
|                                                                        | Chhabra TPP               |                                        | BHEL                             | Coal | U-4     | 20.08.08                 | 250                | 250             | 30.06.2014        | Jun-14                       |
| UP                                                                     | Anpara-D TPS              | UPRVUNL                                | BHEL                             | Coal | U- 6    | 27.10.07                 | 500                |                 | Slipped           | Mar-15                       |
| <b>Total State Sector</b>                                              |                           |                                        |                                  |      |         |                          | <b>6770</b>        | <b>4260</b>     |                   |                              |
| <b>PRIVATE SECTOR</b>                                                  |                           |                                        |                                  |      |         |                          |                    |                 |                   |                              |
| AP                                                                     | Painampuram TPP           | Thermal Power Tech Corp.Ltd            | Chinese                          | Coal | U-1     | 09/2010                  | 660                | 660             | 07.02.2015        | Dec-14                       |
|                                                                        | Vizag TPP                 | Hinduja National Power Corp.Ltd        | BHEL                             | Coal | U-1     | 03/2010                  | 520                |                 | Slipped           | Oct-14                       |
| Chhattisgarh                                                           | Swastic Korba TPP         | ACB India Ltd.                         | Blr:ISGEC India TG:Siemens India | Coal | U-1     | 29.03.10                 | 25                 | 25              | 31.03.2015        | Nov-14                       |
|                                                                        | Salora TPP                | Vandana Vidyut Ltd                     | Chinese                          | Coal | U-1     | 11/2008                  | 135                | 135             | 10.04.2014        | Sep-14                       |
|                                                                        | Bandakhar TPP             | Maruti Clean coal                      | Chinese                          | Coal | U-1     |                          | 300                |                 | Slipped           | Jan-15                       |
| Maharashtra                                                            | Amravati TPP Ph-I         | India Bulls Power Ltd                  | BHEL                             | Coal | U-3     | 30.11.09                 | 270                | 270             | 29.01.2015        | Oct-14                       |
| Maharashtra                                                            | Nasik TPP Ph-I            | India Bulls Realtech                   | BHEL                             | Coal | U-2     | 24.11.09                 | 270                |                 | Slipped           | Jul-14                       |
| Maharashtra                                                            | Dhariwal TPP              | Dhariwal Infrastructure Ltd            | Chinese                          | Coal | U-2     | 28.04.10                 | 300                | 300             | 28.05.2014        | Jun-14                       |
| Orissa                                                                 | Derang TPP                | JIPL                                   | BHEL                             | Coal | U-1     | 26.07.09                 | 600                | 600             | 10.05.2014        | Jun-14                       |
| Punjab                                                                 | Rajpura TPP (Nabha)       | Nabha Power Ltd                        | L&T                              | Coal | U-2     | 16.07.10                 | 700                | 700             | 06.07.2014        | Jul-14                       |
| Punjab                                                                 | Talwandi Sabo TPP         | M/s Sterlite                           | Chinese                          | Coal | U-1     | 18.07.09                 | 660                | 660             | 17.06.2014        | May-14                       |
| Punjab                                                                 | Talwandi Sabo TPP         | M/s Sterlite                           | Chinese                          | Coal | U-2     | 18.07.09                 | 660                |                 | Slipped           | Sep-14                       |
| WB                                                                     | Haldia TPP                | M/s Haldia Energy Ltd.                 | Chinese                          | Coal | U-1     | 14.09.11                 | 300                | 300             | 14.01.2015        | Dec-14                       |
| <b>Total Private Sector</b>                                            |                           |                                        |                                  |      |         |                          | <b>5400</b>        | <b>3650</b>     |                   |                              |
| <b>Total target during 2014-15</b>                                     |                           |                                        |                                  |      |         |                          | <b>14988.3</b>     | <b>10228.3</b>  |                   |                              |

| Additional Capacity Commissioned |                             |                                 |                 |      |                   |            |  |                |            |  |
|----------------------------------|-----------------------------|---------------------------------|-----------------|------|-------------------|------------|--|----------------|------------|--|
| Gujarat                          | D gen CCPP                  | Torrent Power                   | Siemens Germany | gas  | Block-II          | 02.07.2010 |  | 400            | 23.04.2014 |  |
| Gujarat                          | Dhuvaran CCPP               | GSECL                           | Siemens Germany | gas  | Unit 1            |            |  | 376.1          | 21.05.2014 |  |
| MP                               | Sasan UMPP                  | SPL                             | Chinese         | Coal | 4th Unit (Unit-1) |            |  | 660            | 21.05.2014 |  |
| MP                               | Sasan UMPP                  | SPL                             | Chinese         | Coal | Unit-5            |            |  | 660            | 24.08.2014 |  |
| Chhattisgarh                     | Akaltara TPP                | KSK                             | Chinese         | Coal | Unit-2            |            |  | 600            | 22.08.2014 |  |
| MP                               | Nigrie TPP                  | JPVL                            | L&T             | Coal | Unit-1            |            |  | 660            | 29.08.2014 |  |
| Maharashtra                      | Tirora TPP Ph-II            | Adani Power Maharashtra Pvt Ltd | Chinese         | Coal | Unit-3            | 05.11.2009 |  | 660            | 25.09.2014 |  |
| TN                               | Mutiara TPP                 | Coastal Energen                 | Chinese         | Coal | Unit-1            | 25.02.2009 |  | 600            | 02.12.2014 |  |
| Chhattisgarh                     | Tamnar TPP (Raigarh)        | Jindal Power                    | BHEL            | Coal | Unit-3            |            |  | 600            | 07.01.2015 |  |
| Orissa                           | Derang TPP                  | JIPL                            | BHEL            | Coal | U-2               |            |  | 600            | 24.01.2015 |  |
| TN                               | Neyveli TPS Ph-II Exp       | NLC                             | BHEL            | Coal | U-2               |            |  | 250            | 24.01.2015 |  |
| WB                               | Haldia TPP                  | M/s Haldia Energy Ltd.          | Chinese         | Coal | U-2               |            |  | 300            | 16.02.2015 |  |
| MP                               | Nigrie TPP                  | JP Ventures Ltd                 | Non-BHEL        | Coal | U-2               |            |  | 660            | 17.02.2015 |  |
| Chhattisgarh                     | Raikhera TPP                | GMR                             | Chinese         | Coal | U-1               |            |  | 685            | 27.02.2015 |  |
| Maharashtra                      | Amravati TPP Ph-I           | India Bulls Power Ltd           | BHEL            | Coal | U-4               | 30.11.09   |  | 270            | 04.03.2015 |  |
| AP                               | Simhapuri                   | Simhapuri Energy Pvt Ltd        | Chinese         | Coal | U-4               |            |  | 150            | 07.03.2015 |  |
| Maharashtra                      | Amravati TPP Ph-I           | India Bulls Power Ltd           | BHEL            | Coal | U-5               | 30.11.09   |  | 270            | 12.03.2015 |  |
| MP                               | Sasan UMPP                  | SPL                             | Chinese         | Coal | Unit-6            |            |  | 660            | 19.03.2015 |  |
| Tripura                          | Agartala CCPP               | NEEPCO                          | Thermax         | gas  | ST-2              |            |  | 25.5           | 22.03.2015 |  |
| Chhattisgarh                     | DB Power TPP                | DB Power Ltd                    | BHEL            | Coal | Unit-2            |            |  | 600            | 24.03.2015 |  |
| Chhattisgarh                     | Tamnar TPP (Raigarh)        | Jindal Power                    | BHEL            | Coal | Unit-4            |            |  | 600            | 26.03.2015 |  |
| Gujarat                          | Sikka TPP Extn              | GSECL                           | BHEL            | Coal | U-3               |            |  | 250            | 28.03.2015 |  |
| Tripura                          | Monarchak gas power project | NEEPCO                          | BHEL            | Gas  | GT                |            |  | 65.4           | 30.03.2015 |  |
|                                  |                             |                                 |                 |      |                   |            |  | <b>10602</b>   |            |  |
|                                  |                             |                                 |                 |      |                   |            |  | <b>20830.3</b> |            |  |

### 2.3 Thermal Capacity Addition Target/ Achievement for the Year 2015-16

| State                 | Project Name                       | Impl Agency                                       | Unit No  | BTG Supplier      | Cap. (MW)      | Anti. Comm. (beginning of the year) | Now Anti. Comm. | Cap. Add (MW)  | Actual Date of Comm. |
|-----------------------|------------------------------------|---------------------------------------------------|----------|-------------------|----------------|-------------------------------------|-----------------|----------------|----------------------|
| <b>CENTRAL SECTOR</b> |                                    |                                                   |          |                   |                |                                     |                 |                |                      |
| Assam                 | Bongaigaon TPP                     | NTPC                                              | U-1      | BHEL              | 250            | 06/2015                             |                 | 250            | 22.06.15(A)          |
| Bihar                 | Muzafferpur                        | NTPC                                              | U-4      | BHEL              | 195            | 02/2016                             | 03/2016         |                |                      |
| Bihar                 | Nabi Nagar TPP                     | NTPC                                              | U-1      | BHEL              |                |                                     |                 | 250            | 20.03.16(A)          |
| Jharkhand             | Bokaro TPS "A" Exp.                | DVC                                               | U-1      | BHEL              |                |                                     |                 | 500            | 22.03.16(A)          |
| Maharashtra           | Mouda STPP-II                      | NTPC                                              | U-3      | BHEL              |                |                                     |                 | 660            | 28.03.16(A)          |
| MP                    | Vindhyachal TPP-V                  | NTPC                                              | U-13     | BHEL              | 500            | 12/2015                             |                 | 500            | 06.08.15(A)          |
| Tripura               | Agratala STG                       | NEEPCO                                            | ST-2     | Thermax           | 25.5           | 05/2015                             | 01/2016         |                |                      |
| Tripura               | Monarchak CCPP                     | NEEPCO                                            | ST       | BHEL              | 35.6           | 08/2015                             |                 | 35.6           | 14.01.16(A)          |
| TN                    | Tuticorin TPP                      | NLC                                               | U-2      | BHEL              | 500            | 07/2015                             |                 | 500            | 09.07.15(A)          |
| WB                    | Raghunathpur TPP, Ph-I             | DVC                                               | U-2      | Chinese           | 600            | 01/2016                             |                 | 600            | 18.01.16(A)          |
|                       |                                    | <b>Total Central Sector</b>                       |          |                   | <b>2106.1</b>  |                                     |                 | <b>3295.6</b>  |                      |
| <b>STATE SECTOR</b>   |                                    |                                                   |          |                   |                |                                     |                 |                |                      |
| Chhattisgarh          | Marwa TPP                          | CSPGCL                                            | U-2      | BHEL              | 500            | 09/2015                             | 02/2016         |                |                      |
| Gujarat               | Sikka TPS                          | GSECL                                             | U-4      | BHEL              | 250            | 12/2015                             |                 | 250            | 25.09.15(A)          |
| Karnataka             | Bellary TPS St-III                 | KPCL                                              | U-3      | BHEL              | 700            | 12/2015                             | 01/2016         | 700            | 01.03.16(A)          |
| Karnataka             | Yermarus TPP                       | KPCL                                              | U-1      | BHEL              | 800            | 01/2016                             | 02/2016         | 800            | 29.03.16(A)          |
| Maharashtra           | Chandrapur TPS                     | MSPGCL                                            | U-9      | BHEL              | 500            | 10/2015                             | 02/2016         | 500            | 21.03.16(A)          |
| Maharashtra           | Koradi TPS Expn.                   | MSPGCL                                            | U-9      | L&T               | 660            | 09/2015                             | 02/2016         | 660            | 15.03.16(A)          |
| Maharashtra           | Koradi TPS Expn.                   | MSPGCL                                            | U-10     | L&T               | 660            | 02/2016                             | 05/2016         |                |                      |
| Maharashtra           | Parli TPS                          | MSPGCL                                            | U-8      | BHEL              | 250            | 01/2016                             | 03/2016         | 250            | 30.03.16(A)          |
| Rajasthan             | Kalisindh TPP                      | RVUNL                                             | U-2      | Chinese           | 600            | 05/2015                             |                 | 600            | 06.06.15(A)          |
| Telangana             | Singareni TPP                      | Singareni Collieries Co Ltd                       | U-1      | BHEL              | 600            | 01/2016                             | 03/2016         | 600            | 13.03.16(A)          |
| Telangana             | Kakatiya TPS Extn.                 | T GENCO                                           | U-1      | BHEL              | 600            | 12/2015                             | 12/2015         | 600            | 31.12.15(A)          |
| UP                    | Anpara-D TPS                       | UPRVUNL                                           | U-6      | BHEL              | 500            | 06/2015                             |                 | 500            | 06.06.15(A)          |
| UP                    | Anpara-D TPS                       | UPRVUNL                                           | U-7      | BHEL              | 500            | 12/2015                             | 02/2016         | 500            | 06.03.16(A)          |
| WB                    | Sagardighi TPS-Extn                | West Bengal                                       | U-3      | BHEL              | 500            | 09/2015                             | 12/2015         | 500            | 14.12.15(A)          |
| WB                    | Sagardighi TPS-Extn                | West Bengal                                       | U-4      | BHEL              | 500            | 01/2016                             | 06/2016         |                |                      |
|                       |                                    | <b>Total State Sector</b>                         |          |                   | <b>8120</b>    |                                     |                 | <b>6460</b>    |                      |
| <b>PRIVATE SECTOR</b> |                                    |                                                   |          |                   |                |                                     |                 |                |                      |
| AP                    | Painampuram TPP                    | Thermal Power Tech Corporation Ltd                | U-2      | Chinese           | 660            | 08/2015                             |                 | 660            | 03.09.15(A)          |
| AP                    | Vizag TPP                          | Hinduja National Power Corp. Ltd                  | U-1      | BHEL              | 520            | 10/2015                             | 02/2015         | 520            | 27.12.15(A)          |
| AP                    | Lanco Kondapalli Extn. Ph-III (PS) | Lanco Kondapalli Power Co.Ltd                     | Block-I  | Others            |                |                                     |                 | 371            | 07.08.15(A)          |
| AP                    | Lanco Kondapalli Extn. Ph-III (PS) | Lanco Kondapalli Power Co.Ltd                     | Block-II | Others            |                |                                     |                 | 371            | 05.09.15(A)          |
| AP                    | Vemagiri CCPP-II (PS)              | GMR Rajahmundry Energy Ltd.                       | Block-I  | Others            |                |                                     |                 | 384            | 12.09.15(A)          |
| AP                    | Vemagiri CCPP-II (PS)              | GMR Rajahmundry Energy Ltd.                       | Block-II | Others            |                |                                     |                 | 384            | 05.10.15(A)          |
| AP                    | Vizag TPP                          | Hinduja National Power Corp. Ltd                  | U-2      | BHEL              |                |                                     |                 | 520            | 30.03.16(A)          |
| Chhattisgarh          | Bandakhar TPP                      | M/s Maruti Clean (Chhattisgarh) Ltd.              | U-1      | Chinese           | 300            | 06/2015                             |                 | 300            | 19.06.15(A)          |
| Chhattisgarh          | Uchpinda TPP                       | RKM Powergen Pvt. Ltd                             | U-1      | Chinese           | 360            | 06/2015                             |                 | 360            | 28.10.15(A)          |
| Chhattisgarh          | Uchpinda TPP                       | RKM Powergen Pvt. Ltd                             | U-2      | Chinese           |                |                                     |                 | 360            | 28.01.16(A)          |
| Chhattisgarh          | BALCO TPP                          | BALCO Pvt Ltd                                     | U-1      | Chinese           | 300            | 06/2015                             |                 | 300            | 05.06.15(A)          |
| Chhattisgarh          | BALCO TPP                          | BALCO Pvt Ltd                                     | U-2      | Chinese           | 300            | 09/2015                             | 02/2016         | 300            | 24.03.16(A)          |
| Chhattisgarh          | Raikheda TPP                       | GMR                                               | U-2      | Doosan (Non-BHEL) | 685            | 12/2015                             | 02/2016         | 685            | 28.03.16(A)          |
| Chhattisgarh          | Salora                             | Vandana Vidyut                                    | U-2      | Chinese           | 135            | 09/2015                             | 2016-17         |                |                      |
| Maharashtra           | Nasik TPP Ph-I                     | Ratan India (Nasik) Power Ltd                     | U-2      | BHEL              | 270            | 01/2016                             | 03/2016         |                |                      |
| MP                    | Anuppur TPP Ph-I                   | MB Power(MP)                                      | U-1      | Chinese           | 600            | 06/2015                             |                 | 600            | 20.04.15(A)          |
| M.P                   | Seoni TPP Ph-I                     | Jhabua Power Ltd                                  | U-1      | BHEL              |                |                                     |                 | 600            | 22.03.16(A)          |
| MP                    | Anuppur TPP Ph-I                   | MB Power(MP)                                      | U-2      | Chinese           |                |                                     |                 | 600            | 30.03.16(A)          |
| Orissa                | Ind Bharat TPP (Orissa)            | Ind Barath                                        | U-1      | Chinese           | 350            | 10/2015                             | 01/2016         | 350            | 25.02.16(A)          |
| Punjab                | Talwandi Sabo TPP                  | Talwandi Sabo Power Ltd                           | U-2      | Chinese           | 660            | 06/2015                             |                 | 660            | 30.10.15(A)          |
| Punjab                | Talwandi Sabo TPP                  | Talwandi Sabo Power Ltd                           | U-3      | Chinese           | 660            | 12/2015                             | 03/2016         | 660            | 29.03.16(A)          |
| Punjab                | Goindwal Sahib TPP                 | GVK Power                                         | U-1      | BHEL              |                |                                     |                 | 270            | 14.02.16(A)          |
| Punjab                | Goindwal Sahib TPP                 | GVK Power                                         | U-2      | BHEL              |                |                                     |                 | 270            | 15.03.16(A)          |
| TN                    | ITPCL TPP                          | IL&FS TN PC.Ltd                                   | U-1      | Chinese           |                |                                     |                 | 600            | 19.09.2015           |
| TN                    | Melamaruthur (Mutiaara)            | Coastal Energen                                   | U-2      | Chinese           |                |                                     |                 | 600            | 02.01.16(A)          |
| UP                    | Lalitpur TPP                       | Lalitpur power Generation Co. Ltd                 | U-1      | BHEL              | 660            |                                     |                 | 660            | 26.03.16(A)          |
| UP                    | Lalitpur TPP                       | Lalitpur power Generation Co. Ltd                 | U-2      | BHEL              |                | 09/2015                             |                 | 660            | 08.01.16(A)          |
| UP                    | Prayagraj (Bara ) TPP              | Prayagraj power Gen. Co. Ltd( J.P.Power Ventures) | U-1      | BHEL              | 660            | 10/2015                             |                 | 660            | 25.12.15(A)          |
|                       |                                    | <b>Total Private Sector</b>                       |          |                   | <b>7120</b>    |                                     |                 | <b>12705</b>   |                      |
|                       |                                    | <b>Grand Total</b>                                |          |                   | <b>17346.1</b> |                                     |                 | <b>22460.6</b> |                      |

## 2.4 Thermal Capacity Addition Target/ Achievement for the Year 2016-17

|                     | State          | Project                          | Unit                | Imp Agency                | BTG Supplier | Capacity (MW) | At the beginning of the year | Actual date of comm. | Capacity Achieved |
|---------------------|----------------|----------------------------------|---------------------|---------------------------|--------------|---------------|------------------------------|----------------------|-------------------|
|                     |                | CENTRAL SECTOR                   |                     |                           |              |               |                              |                      |                   |
| 1                   | Bihar          | Nabinagar TPP,                   | U-2                 | NTPC                      | BHEL         | 250           | 12-2016                      |                      |                   |
| 2                   | Bihar          | Kanti TPS St-II                  | U-4                 | NTPC                      | BHEL         | 195           | 09-2016                      |                      |                   |
| 3                   | Çhhatisgarh    | Lara STPP                        | U-1                 | NTPC                      | NON BHEL     | 800           | 01-2017                      |                      |                   |
| 4                   | Karnatka       | Kudgi TPP                        | U-1                 | NTPC                      | NON BHEL     | 800           | 11-2016                      | 25.12.2016           | 800.0             |
| 5                   | Maharashtra    | Mauda STPP-II                    | U-4                 | NTPC                      | BHEL         | 660           | 12-2016                      |                      |                   |
| 6                   | Tripura        | Agartala Gas Based Power Project | ST-1                | NEEPCO                    | NON BHEL     | 25.5          | 06-2016                      | 23.08.2016           | 25.5              |
|                     |                |                                  | Total Central       |                           |              | 2730.5        |                              |                      | 825.50            |
|                     |                | STATE SECTOR                     |                     |                           |              |               |                              |                      |                   |
| 1                   | Asaam          | Namrup CCGT                      | GT                  | APGCL                     | BHEL         | 70            | 09-2016                      |                      |                   |
|                     | Asaam          | Namrup CCGT                      | ST                  | APGCL                     | BHEL         | 30            | 09-2016                      |                      |                   |
| 2                   | Bihar          | Barauni TPP,                     | U-8                 | BSEB                      | BHEL         | 250           | 12-2016                      |                      |                   |
| 3                   | Çhhatisgarh    | Marwa TPS                        | U-2                 | CSPGCL                    | BHEL         | 500           | 06-2016                      | 15.07.2016           | 500.0             |
| 4                   | Gujarat        | Bhavnagar TPP                    | U-1                 | BECL                      | BHEL         | 250           | 06-2016                      | 16.05.2016           | 250.0             |
| 5                   | Gujarat        | Bhavnagar TPP                    | U-2                 | BECL                      | BHEL         | 250           | 08-2016                      |                      |                   |
| 6                   | Karnataka      | Yermarus TPP                     | U-2                 | KPCL                      | BHEL         | 800           | 07-2016                      |                      |                   |
| 7                   | Maharashtra    | Koradi TPP                       | U-10                | MSPGCL                    | NON BHEL     | 660           | 08-2016                      | 28.12.2016           | 660.0             |
| 8                   | Telangana      | Singreni TPP                     | U-2                 | SCCL                      | BHEL         | 600           | 06-2016                      | 25.11.2016           | 600.0             |
| 9                   | West Bengal    | Sagardighi TPS-II                | U-4                 | WBPDCL                    | BHEL         | 500           | 09-2016                      | 15.12.2016           | 500.0             |
|                     |                |                                  | Total State         |                           |              | 3910          |                              |                      | 2572.25           |
|                     |                | PRIVATE SECTOR                   |                     |                           |              |               |                              |                      |                   |
| 1                   | Andhra pradesh | Sembcorp Gayatri Pvt. Ltd        | U-1                 | SGPL                      | NON BHEL     | 660           | 09-2016                      | 12.11.2016           | 660.0             |
| 2                   | Andhra pradesh | Sembcorp Gayatri Pvt. Ltd        | U-2                 | SGPL                      | NON BHEL     | 660           | 12-2016                      |                      |                   |
| 3                   | Çhhatisgarh    | Nawapara TPP                     | U-1                 | TRN                       | CHINESE      | 300           | 05-2016                      | 14.08.2016           | 300.0             |
| 4                   | Çhhatisgarh    | Nawapara TPP                     | U-2                 | TRN                       | CHINESE      | 300           | 11-2016                      |                      |                   |
| 5                   | Çhhatisgarh    | Ucchpinda TPP                    | U-3                 | RKM                       | CHINESE      | 360           | 07-2016                      |                      |                   |
| 6                   | Çhhatisgarh    | Binjkote TPP                     | U-1                 | SKS                       | NON BHEL     | 300           | 11-2016                      |                      |                   |
| 7                   | Çhhatisgarh    | Athena Singhitarai TPP           | U-1                 | Athena Chhattisgarh       | NON BHEL     | 600           | 10-2016                      |                      |                   |
| 8                   | Maharashtra    | Nashik TPP, Ph-I                 | U-2                 | Rattan Power              | BHEL         | 270           | 06-2016                      |                      |                   |
| 9                   | Maharashtra    | Nashik TPP, Ph-I                 | U-3                 | Rattan Power              | BHEL         | 270           | 12-2016                      |                      |                   |
| 10                  | Orissa         | Utkal TPP                        | U-2                 | Ind Barath                | NON BHEL     | 350           | 07-2016                      |                      |                   |
| 11                  | Orissa         | Lanco Babandh TPP                | U-1                 | Lanco Babandh             | NON BHEL     | 660           | 02-2017                      |                      |                   |
| 12                  | Tamilnadu      | ITPCL TPP                        | U-2                 | ILFS                      | NON BHEL     | 600           | 05-2016                      | 18.04.2016           | 600.0             |
| 13                  | Uttar pradesh  | Bara TPP                         | U-2                 | Jaypee                    | BHEL         | 660           | 07-2016                      | 06.09.2016           | 660.0             |
| 14                  | Uttar pradesh  | Lalitpur TPP                     | U-3                 | LPGCL                     | BHEL         | 660           | 04-2016                      | 01.04.2016           | 660.0             |
| 15                  | West Bengal    | Haldia TPP                       | U-1                 | India Power               | BHEL         | 150           | 07-2016                      |                      |                   |
|                     |                |                                  | Total Private       |                           |              | 6800          |                              |                      | 2880.00           |
|                     |                |                                  | Total Thermal       |                           |              | 13440.5       |                              |                      | 6277.75           |
| ADDITIONAL PROJECTS |                |                                  |                     |                           |              |               |                              |                      |                   |
|                     |                | PRIVATE SECTOR                   |                     |                           |              |               |                              |                      |                   |
| 1                   | Chhastisgarh   | Ratija TPP                       | U-2                 | Spectrum Coal & Power Ltd | CHINESE      |               |                              | 10.11.2016           | 50.0              |
| 2                   | Maharashtra    | Mangaon CCPP                     | Block-1             | PGPL                      | OTHER        |               |                              | 14.07.2016           | 388.0             |
| 3                   | Uttarakand     | Kashipur CCPP                    | Block-1             | Sravanthi energy Pvt.     | OTHER        |               |                              | 20.11.2016           | 225.0             |
| 4                   | Uttarakhand    | GAMA CCPP Module-1               | GT1&2 + ST          | M/s GAMA Infraprop L      | CHINESE      |               |                              | 25.04.2016           | 225.0             |
|                     |                |                                  | Total Additional    |                           |              |               |                              |                      | 888.00            |
|                     |                |                                  | Grand Total Thermal |                           |              | 13440.5       |                              |                      | 7103.5            |

## TARGET/ACHIEVEMENT OF THERMAL CAPACITY ADDITION DURING 12TH PLAN

| Sector State                                                        | Project Name              | Impl. Agency | Main Equip. | Unit No. | Cap. (MW)      | Cap (MW) Achieved | Actual Comm. Date |
|---------------------------------------------------------------------|---------------------------|--------------|-------------|----------|----------------|-------------------|-------------------|
| <b>THERMAL PROJECTS TARGETED FOR COMMISSIONING DURING 12TH PLAN</b> |                           |              |             |          |                |                   |                   |
| <b><u>CENTRAL SECTOR</u></b>                                        |                           |              |             |          |                |                   |                   |
| <b>Assam</b>                                                        | Bongaigaon TPP            | NTPC         | BHEL        | U-1      | 250            | <b>250</b>        | <b>22-06-15</b>   |
|                                                                     |                           |              |             | U-2      | 250            | ---               |                   |
|                                                                     |                           |              |             | U-3      | 250            | ---               |                   |
| <b>Bihar</b>                                                        | Barh STPP- I              | NTPC         | OTHERS      | U-1      | 660            | ---               |                   |
|                                                                     |                           |              |             | U-2      | 660            | ---               |                   |
|                                                                     |                           |              |             | U-3      | 660            | ---               |                   |
| <b>Bihar</b>                                                        | Barh STPP-II              | NTPC         | BHEL        | U-4      | 660            | <b>660</b>        | <b>30-11-13</b>   |
|                                                                     |                           |              |             | U-5      | 660            | <b>660</b>        | <b>04-03-15</b>   |
| <b>Bihar</b>                                                        | Muzaffarpur TPP Exp       | NTPC         | BHEL        | U-3      | 195            | <b>195</b>        | <b>31-03-15</b>   |
|                                                                     |                           |              |             | U-4      | 195            | ---               |                   |
| <b>Bihar</b>                                                        | Nabi Nagar TPP            | NTPC         | BHEL        | U-1      | 250            | <b>250</b>        | <b>20-03-16</b>   |
|                                                                     |                           |              |             | U-2      | 250            | ---               |                   |
|                                                                     |                           |              |             | U-3      | 250            | ---               |                   |
|                                                                     |                           |              |             | U-4      | 250            | ---               |                   |
| <b>Chhattisgar</b>                                                  | Sipat-I                   | NTPC         | OTHERS      | U-3      | 660            | <b>660</b>        | <b>02-06-12</b>   |
| <b>Haryana</b>                                                      | Indira Gandhi TPP         | APCPL        | BHEL        | U-3      | 500            | <b>500</b>        | <b>07-11-12</b>   |
| <b>Jharkhand</b>                                                    | BokaroTPS "A"Exp.         | DVC          | BHEL        | U-1      | 500            | <b>500</b>        | <b>22-03-16</b>   |
| <b>Jharkhand</b>                                                    | Koderma TPP               | DVC          | BHEL        | U-2      | 500            | <b>500</b>        | <b>15-02-13</b>   |
| <b>Maharashtra</b>                                                  | Mouda TPP                 | NTPC         | BHEL        | U-1      | 500            | <b>500</b>        | <b>19-04-12</b>   |
|                                                                     |                           |              |             | U-2      | 500            | <b>500</b>        | <b>29-03-13</b>   |
| <b>MP</b>                                                           | Vindhyachal TPP-IV        | NTPC         | BHEL        | U-11     | 500            | <b>500</b>        | <b>14-06-12</b>   |
|                                                                     |                           |              |             | U-12     | 500            | <b>500</b>        | <b>22-03-13</b>   |
| <b>TN</b>                                                           | Neyveli TPS-II Exp.       | NLC          | BHEL        | U-2      | 250            | <b>250</b>        | <b>24-01-15</b>   |
| <b>TN</b>                                                           | Tuticorin JV              | NLC          | BHEL        | U-1      | 500            | <b>500</b>        | <b>10-03-15</b>   |
|                                                                     |                           |              |             | U-2      | 500            | <b>500</b>        | <b>09-07-15</b>   |
| <b>TN</b>                                                           | Vallur TPP Ph I           | NTECL        | BHEL        | U-2      | 500            | <b>500</b>        | <b>28-02-13</b>   |
| <b>TN</b>                                                           | Vallur TPP-II             | NTECL        | BHEL        | U-3      | 500            | <b>500</b>        | <b>28-02-14</b>   |
| <b>Tripura</b>                                                      | Monarchak CCPP            | NEEPCO       | BHEL        | GT       | 65.4           | <b>65.4</b>       | <b>30-03-15</b>   |
|                                                                     |                           |              |             | ST       | 35.6           | <b>35.6</b>       | <b>14-01-16</b>   |
| <b>Tripura</b>                                                      | Tripura Gas               | OTPC         | BHEL        | Module-1 | 363.3          | <b>363.3</b>      | <b>03-01-13</b>   |
|                                                                     |                           |              |             | Module-2 | 363.3          | <b>363.3</b>      | <b>16-11-14</b>   |
| <b>UP</b>                                                           | Rihand STPS- III          | NTPC         | BHEL        | U-5      | 500            | <b>500</b>        | <b>25-05-12</b>   |
|                                                                     |                           |              |             | U-6      | 500            | <b>500</b>        | <b>07-10-13</b>   |
| <b>WB</b>                                                           | Raghunathpur TPP, Ph-I    | DVC          | CHINESE     | U-1      | 600            | <b>600</b>        | <b>24-08-14</b>   |
|                                                                     |                           |              |             | U-2      | 600            | <b>600</b>        | <b>18-01-16</b>   |
| <b>Sub Total :</b>                                                  |                           |              |             |          | <b>14877.6</b> | <b>11452.6</b>    |                   |
| <b><u>STATE SECTOR</u></b>                                          |                           |              |             |          |                |                   |                   |
| <b>AP</b>                                                           | Damodaram Sanjeevaiah TPS | APPDL        | Non-BHEL    | U-1      | 800            | <b>800</b>        | <b>28-08-14</b>   |
|                                                                     |                           |              |             | U-2      | 800            | <b>800</b>        | <b>17-03-15</b>   |
| <b>AP</b>                                                           | Rayalseema St-IV U-6      | APGENCO      | BHEL        | U-6      | 600            | ---               |                   |
| <b>Assam</b>                                                        | Namrup CCGT               | APGCL        | BHEL        | GT       | 70             | ---               |                   |
|                                                                     |                           |              |             | ST       | 30             | ---               |                   |
| <b>Chhattisgar</b>                                                  | Korba West St-III.        | CSPGCL       | BHEL        | U-5      | 500            | <b>500</b>        | <b>22-03-13</b>   |
| <b>Chhattisgar</b>                                                  | Marwa TPP                 | CSPGCL       | BHEL        | U-1      | 500            | <b>500</b>        | <b>30-03-14</b>   |
|                                                                     |                           |              |             | U-2      | 500            | <b>500</b>        | <b>15-07-16</b>   |
| <b>Delhi</b>                                                        | Pragati CCGT - III        | PPCL         | BHEL        | GT-3     | 250            | <b>250</b>        | <b>27-06-12</b>   |
|                                                                     |                           |              |             | GT-4     | 250            | <b>250</b>        | <b>07-05-13</b>   |

| <i>Sector State</i>          | <i>Project Name</i>             | <i>Impl. Agency</i>                | <i>Main Equip.</i> | <i>Unit No.</i> | <i>Cap. (MW)</i> | <i>Cap (MW) Achieved</i> | <i>Actual Comm. Date</i> |
|------------------------------|---------------------------------|------------------------------------|--------------------|-----------------|------------------|--------------------------|--------------------------|
| <b>Delhi</b>                 | Pragati CCGT - III              | PPCL                               | BHEL               | ST-2            | 250              | <b>250</b>               | <b>26-02-14</b>          |
| <b>Gujarat</b>               | Pipavav CCGP                    | GPPCL                              | BHEL               | Block-1         | 351              | <b>351</b>               | <b>05-02-14</b>          |
|                              |                                 |                                    |                    | Block-2         | 351              | <b>351</b>               | <b>27-03-13</b>          |
| <b>Gujarat</b>               | Sikka TPS Extn.                 | GSECL                              | BHEL               | U-3             | 250              | <b>250</b>               | <b>29-03-15</b>          |
| <b>Gujarat</b>               | Ukai TPP Extn.                  | GSECL                              | BHEL               | U-6             | 500              | <b>500</b>               | <b>05-03-13</b>          |
| <b>Maharashtra</b>           | Chandrapur TPS Extn.            | MSPGCL                             | BHEL               | U-8             | 500              | <b>500</b>               | <b>29-03-15</b>          |
| <b>Maharashtra</b>           | Koradi TPS Expn.                | MSPGCL                             | NON-BHEL           | U-8             | 660              | <b>660</b>               | <b>30-03-15</b>          |
| <b>Maharashtra</b>           | Parli TPS Expn.                 | MSPGCL                             | BHEL               | U-8             | 250              | <b>250</b>               | <b>30-03-16</b>          |
| <b>MP</b>                    | Malwa TPP ( Shree Singa ji TPP) | MPGENCO                            | BHEL               | U-1             | 600              | <b>600</b>               | <b>18-11-13</b>          |
|                              |                                 |                                    |                    | U-2             | 600              | <b>600</b>               | <b>15-10-14</b>          |
| <b>MP</b>                    | Satpura TPS Extn                | MPPGCL                             | BHEL               | U-10            | 250              | <b>250</b>               | <b>22-03-13</b>          |
|                              |                                 |                                    |                    | U-11            | 250              | <b>250</b>               | <b>25-12-13</b>          |
| <b>Rajasthan</b>             | Chhabra TPS Extn                | RRVUNL                             | BHEL               | U-3             | 250              | <b>250</b>               | <b>14-09-13</b>          |
|                              |                                 |                                    |                    | U-4             | 250              | <b>250</b>               | <b>30-06-14</b>          |
| <b>Rajasthan</b>             | Kalisindh TPP                   | RRVUNL                             | CHINESE            | U-1             | 600              | <b>600</b>               | <b>02-05-14</b>          |
| <b>Rajasthan</b>             | Ramgarh CCGP Extn. -            | RRVUNL                             | BHEL               | GT              | 110              | <b>110</b>               | <b>20-03-13</b>          |
|                              |                                 |                                    |                    | ST              | 50               | <b>50</b>                | <b>01-05-14</b>          |
| <b>TN</b>                    | Mettur TPP Ext                  | TANGEDCO                           | CHINESE            | U-1             | 600              | <b>600</b>               | <b>11-10-12</b>          |
| <b>TN</b>                    | North Chennai Extn, U-2         | TANGEDCO                           | BHEL               | U-2             | 600              | <b>600</b>               | <b>09-03-13</b>          |
| <b>TN</b>                    | North Chennai TPS Extn, U-1     | TANGEDCO                           | BHEL               | U-1             | 600              | <b>600</b>               | <b>13-09-13</b>          |
| <b>UP</b>                    | Anpara-D TPS                    | UPRVUNL                            | BHEL               | U- 6            | 500              | <b>500</b>               | <b>06-06-15</b>          |
|                              |                                 |                                    |                    | U-7             | 500              | <b>500</b>               | <b>06-06-16</b>          |
| <b>UP</b>                    | Harduaganj Ext                  | UPRVUNL                            | BHEL               | U-9             | 250              | <b>250</b>               | <b>25-05-12</b>          |
| <b>UP</b>                    | Parichha Extn                   | UPRVUNL                            | BHEL               | U-5             | 250              | <b>250</b>               | <b>24-05-12</b>          |
|                              |                                 |                                    |                    | U-6             | 250              | <b>250</b>               | <b>11-03-13</b>          |
| <b>Sub Total :</b>           |                                 |                                    |                    |                 | <b>13922</b>     | <b>13222</b>             |                          |
| <b><u>PRIVATE SECTOR</u></b> |                                 |                                    |                    |                 |                  |                          |                          |
| <b>AP</b>                    | Bhavanpadu TPP                  | M/s East Coast Energy Ltd.         | CHINESE            | U-1             | 660              | ---                      |                          |
|                              |                                 |                                    |                    | U-2             | 660              | ---                      |                          |
| <b>AP</b>                    | NCC TPP                         | NCC Power Projects Ltd             | CHINESE            | U-1             | 660              | <b>660</b>               | <b>12-11-16</b>          |
|                              |                                 |                                    |                    | U-2             | 660              | ---                      |                          |
| <b>AP</b>                    | Painampuram TPP                 | Thermal Power Tech Corporation Ltd | CHINESE            | U-1             | 660              | <b>660</b>               | <b>07-02-15</b>          |
|                              |                                 |                                    |                    | U-2             | 660              | <b>660</b>               | <b>03-09-15</b>          |
| <b>AP</b>                    | Simhapuri Energy Pvt.Ltd Ph-I   | Madhucon Projects Ltd              | CHINESE            | U-2             | 150              | <b>150</b>               | <b>02-07-12</b>          |
| <b>AP</b>                    | Thamminapatnam TPP-I            | Meenakshi Energy Pvt. Ltd          | CHINESE            | U-1             | 150              | <b>150</b>               | <b>09-09-12</b>          |
|                              |                                 |                                    |                    | U-2             | 150              | <b>150</b>               | <b>17-04-13</b>          |
| <b>AP</b>                    | Thamminapatnam TPP-II           | Meenakshi Energy Pvt. Ltd          | CHINESE            | U-3             | 350              | ---                      |                          |
|                              |                                 |                                    |                    | U-4             | 350              | ---                      |                          |
| <b>AP</b>                    | Vizag TPP                       | Hinduja National Power Corp. Ltd   | BHEL               | U-1             | 525              | <b>520</b>               | <b>27-12-15</b>          |
|                              |                                 |                                    |                    | U-2             | 525              | <b>520</b>               | <b>31-03-16</b>          |
| <b>Chhattisgar</b>           | Akaltara (Naiyara) TPP          | KSK Mahandi Power Company Ltd      | CHINESE            | U-1 (3rd)       | 600              | <b>600</b>               | <b>13-08-13</b>          |
|                              |                                 |                                    |                    | U-2 (4th)       | 600              | <b>600</b>               | <b>22-08-14</b>          |
|                              |                                 |                                    |                    | U-3(2nd)        | 600              | ---                      |                          |
| <b>Chhattisgar</b>           | Avantha Bhandar TPP, U-1        | Korba West Power Co. Ltd.          | BHEL               | U-1             | 600              | <b>600</b>               | <b>31-03-14</b>          |
| <b>Chhattisgar</b>           | Badadarha TPP                   | D.B. Power Ltd                     | BHEL               | U-1             | 600              | <b>600</b>               | <b>23-02-14</b>          |
|                              |                                 |                                    |                    | U-2             | 600              | <b>600</b>               | <b>24-03-15</b>          |
| <b>Chhattisgar</b>           | Balco TPP                       | Bharat Aluminium Co. Ltd           | CHINESE            | U-1             | 300              | <b>300</b>               | <b>04-06-15</b>          |

| <i>Sector State</i> | <i>Project Name</i>              | <i>Impl. Agency</i>               | <i>Main Equip.</i> | <i>Unit No.</i> | <i>Cap. (MW)</i> | <i>Cap (MW) Achieved</i> | <i>Actual Comm. Date</i> |
|---------------------|----------------------------------|-----------------------------------|--------------------|-----------------|------------------|--------------------------|--------------------------|
| <b>Chhattisgar</b>  | Balco TPP                        | Bharat Aluminium Co. Ltd          | CHINESE            | U-2             | 300              | <b>300</b>               | <b>24-03-16</b>          |
| <b>Chhattisgar</b>  | Bandakhar TPP                    | M/s Maurti Clean Coal & Power Ltd | CHINESE            | U-1             | 300              | <b>300</b>               | <b>19-06-15</b>          |
| <b>Chhattisgar</b>  | Binjkote TPP                     | SKS Power Gen.(Chhattisgarh Ltd)  | CHINESE            | U-1             | 300              | ---                      |                          |
|                     |                                  |                                   |                    | U-2             | 300              | ---                      |                          |
|                     |                                  |                                   |                    | U-3             | 300              | ---                      |                          |
| <b>Chhattisgar</b>  | Kasaipalli TPP                   | ACB India Ltd.                    | CHINESE            | U-2             | 135              | <b>135</b>               | <b>21-06-12</b>          |
| <b>Chhattisgar</b>  | Lanco Amarkantak TPS-II          | LAP Pvt. Ltd.                     | CHINESE            | U-3             | 660              | ---                      |                          |
|                     |                                  |                                   |                    | U-4             | 660              | ---                      |                          |
| <b>Chhattisgar</b>  | Nawapara TPP (TRN Energy TPP)    | M/s TRN Energy Pvt.               | CHINESE            | U-1             | 300              | <b>300</b>               | <b>14-08-16</b>          |
|                     |                                  |                                   |                    | U-2             | 300              | ---                      |                          |
| <b>Chhattisgar</b>  | Ratija TPP                       | Spectrum Coal & Power Ltd         | CHINESE            | U-1             | 50               | <b>50</b>                | <b>04-02-13</b>          |
| <b>Chhattisgar</b>  | Salora TPP                       | M/s Vandana Vidyut                | CHINESE            | U-1             | 135              | <b>135</b>               | <b>10-04-14</b>          |
|                     |                                  |                                   |                    | U-2             | 135              | ---                      |                          |
| <b>Chhattisgar</b>  | Singhitarai TPP                  | Athena Chhattisgarh Power Ltd.    | CHINESE            | U-1             | 600              | ---                      |                          |
| <b>Chhattisgar</b>  | Swastic TPP                      | M/s ACB                           | NON-BHEL           | U-1             | 25               | <b>25</b>                | <b>31-03-15</b>          |
| <b>Chhattisgar</b>  | Tamnar TPP ( Raigarh)            | O.P.Jindal                        | BHEL               | U-1             | 600              | <b>600</b>               | <b>10-03-14</b>          |
|                     |                                  |                                   |                    | U-2             | 600              | <b>600</b>               | <b>30-03-14</b>          |
| <b>Chhattisgar</b>  | Uchpinda TPP                     | RKM Powergen Pvt. Ltd             | CHINESE            | U-1             | 360              | <b>360</b>               | <b>28-10-15</b>          |
|                     |                                  |                                   |                    | U-2             | 360              | <b>360</b>               | <b>28-01-16</b>          |
|                     |                                  |                                   |                    | U-3             | 360              | ---                      |                          |
| <b>Gujarat</b>      | Mundra UMPP                      | Tata Power Co.                    | OTHERS             | U-2             | 800              | <b>800</b>               | <b>25-07-12</b>          |
| <b>Gujarat</b>      | Salaya TPP                       | Essar Power Gujarat Ltd.          | CHINESE            | U-2             | 600              | <b>600</b>               | <b>13-06-12</b>          |
| <b>Haryana</b>      | Jajjar TPP (Mahatama Gandhi TPP) | CLP Power India Pvt. Ltd          | CHINESE            | U-2             | 660              | <b>660</b>               | <b>11-04-12</b>          |
| <b>Jharkhand</b>    | Mahadev Prasad TPP Ph-I          | Adhunik Power Co.Ltd              | BHEL               | U-1             | 270              | <b>270</b>               | <b>19-11-12</b>          |
|                     |                                  |                                   |                    | U-2             | 270              | <b>270</b>               | <b>29-03-13</b>          |
| <b>Jharkhand</b>    | Mata shri Usha TPP-Ph-I          | M/s Corporate Power Ltd           | BHEL               | U-1             | 270              | ---                      |                          |
|                     |                                  |                                   |                    | U-2             | 270              | ---                      |                          |
| <b>Maharashtra</b>  | Amravati TPP Ph-I                | Ratan India Power Pvt             | BHEL               | U-1             | 270              | <b>270</b>               | <b>25-03-13</b>          |
|                     |                                  |                                   |                    | U-2             | 270              | <b>270</b>               | <b>17-02-14</b>          |
|                     |                                  |                                   |                    | U-3             | 270              | <b>270</b>               | <b>29-01-15</b>          |
|                     |                                  |                                   |                    | U-4             | 270              | <b>270</b>               | <b>04-03-15</b>          |
|                     |                                  |                                   |                    | U-5             | 270              | <b>270</b>               | <b>12-03-15</b>          |
| <b>Maharashtra</b>  | Bela TPP-I                       | IEPL                              | BHEL               | U-1             | 270              | <b>270</b>               | <b>20-03-13</b>          |
| <b>Maharashtra</b>  | Butibori TPP Ph-II               | Vidarbha Industries Power         | CHINESE            | U-1             | 300              | <b>300</b>               | <b>17-08-12</b>          |
| <b>Maharashtra</b>  | Dhariwal Infracture TPP          | Dhariwal Infracture (P)           | CHINESE            | U-1             | 300              | <b>300</b>               | <b>03-11-13</b>          |
|                     |                                  |                                   |                    | U-2             | 300              | <b>300</b>               | <b>28-05-14</b>          |
| <b>Maharashtra</b>  | EMCO Warora TPP                  | EMCO Energy Ltd.(GMR)             | Chinese            | U-1             | 300              | <b>300</b>               | <b>07-02-13</b>          |
|                     |                                  |                                   |                    | U-2             | 300              | <b>300</b>               | <b>27-08-13</b>          |
| <b>Maharashtra</b>  | GEPL TPP                         | GEPL                              | Chinese            | U-1             | 60               | <b>60</b>                | <b>08-09-12</b>          |
|                     |                                  |                                   |                    | U-2             | 60               | <b>60</b>                | <b>28-04-12</b>          |
| <b>Maharashtra</b>  | Lanco Vidarbha TPP               | Lanco Vidarbha                    | CHINESE            | U-1             | 660              | ---                      |                          |
|                     |                                  |                                   |                    | U-2             | 660              | ---                      |                          |
| <b>Maharashtra</b>  | Nasik TPP Ph-I                   | Ratan India Nasik Power Pvt Ltd.  | BHEL               | U-1             | 270              | <b>270</b>               | <b>25-02-14</b>          |
|                     |                                  |                                   |                    | U-2             | 270              | ---                      |                          |
|                     |                                  |                                   |                    | U-3             | 270              | ---                      |                          |
|                     |                                  |                                   |                    | U-4             | 270              | ---                      |                          |
|                     |                                  |                                   |                    | U-5             | 270              | ---                      |                          |

| <b>Sector State</b> | <b>Project Name</b>            | <b>Impl. Agency</b>                              | <b>Main Equip.</b> | <b>Unit No.</b> | <b>Cap. (MW)</b> | <b>Cap (MW) Achieved</b> | <b>Actual Comm. Date</b> |
|---------------------|--------------------------------|--------------------------------------------------|--------------------|-----------------|------------------|--------------------------|--------------------------|
| <b>Maharashtra</b>  | Tirora TPP Ph-I                | Adani Power Ltd                                  | CHINESE            | U-1             | 660              | 660                      | 11-09-12                 |
|                     |                                |                                                  |                    | U-2             | 660              | 660                      | 25-03-13                 |
| <b>Maharashtra</b>  | Tirora TPP Ph-II               | Adani Power Ltd                                  | CHINESE            | U-1             | 660              | 660                      | 10-06-13                 |
| <b>MP</b>           | Anuppur TPP Ph-I               | MB Power MP                                      | CHINESE            | U-1             | 600              | 600                      | 20-04-15                 |
|                     |                                |                                                  |                    | U-2             | 600              | 600                      | 30-03-16                 |
| <b>MP</b>           | Bina TPP                       | Bina Power Supply Co.                            | BHEL               | U-1             | 250              | 250                      | 12-08-12                 |
|                     |                                |                                                  |                    | U-2             | 250              | 250                      | 31-03-13                 |
| <b>MP</b>           | Gorgi TPP ( DB Power)          | D.P Power ( MP) Ltd                              | BHEL               | U-1             | 660              | ---                      |                          |
| <b>MP</b>           | Sasan UMPP                     | Reliance Power Ltd.                              | CHINESE            | U-2             | 660              | 660                      | 18-12-13                 |
|                     |                                |                                                  |                    | U-3             | 660              | 660                      | 30-05-13                 |
| <b>MP</b>           | Seioni TPP Ph-I                | Jhabua Power Ltd                                 | BHEL               | U-1             | 600              | 600                      | 22-03-16                 |
| <b>Orissa</b>       | Derang TPP                     | JITPL                                            | BHEL               | U-1             | 600              | 600                      | 10-05-14                 |
| <b>Orissa</b>       | Ind Bharat TPP ( Orissa)       | Ind. Bharat                                      | CHINESE            | U-1             | 350              | 350                      | 25-02-16                 |
|                     |                                |                                                  |                    | U-2             | 350              | ---                      |                          |
| <b>Orissa</b>       | Kamalanga TPP                  | GMR                                              | CHINESE            | U-1             | 350              | 350                      | 28-03-13                 |
|                     |                                |                                                  |                    | U-2             | 350              | 350                      | 28-09-13                 |
|                     |                                |                                                  |                    | U-3             | 350              | 350                      | 21-03-14                 |
| <b>Orissa</b>       | KVK Nilanchal TPP              | KVK Nilachal                                     | CHINESE            | U-1             | 350              | ---                      |                          |
| <b>Orissa</b>       | Lanco Babandh TPP              | Lanco Babandh Power Ltd                          | CHINESE            | U-1             | 660              | ---                      |                          |
| <b>Orissa</b>       | Sterlite TPP                   | Sterlite Energy Ltd.                             | CHINESE            | U-4             | 600              | 600                      | 25-04-12                 |
| <b>Punjab</b>       | Goindwal Sahib TPP             | GVK Power                                        | BHEL               | U-1             | 270              | 270                      | 14-02-16                 |
|                     |                                |                                                  |                    | U-2             | 270              | 270                      | 15-03-16                 |
| <b>Punjab</b>       | Rajpura TPP ( Nabha)           | Nabha Power Ltd                                  | NON-BHEL           | U-1             | 700              | 700                      | 24-01-14                 |
|                     |                                |                                                  |                    | U-2             | 700              | 700                      | 06-07-14                 |
| <b>Punjab</b>       | Talwandi Sabo TPP              | M/s Sterlite                                     | CHINESE            | U-1             | 660              | 660                      | 17-06-14                 |
|                     |                                |                                                  |                    | U-2             | 660              | 660                      | 30-10-15                 |
|                     |                                |                                                  |                    | U-3             | 660              | 660                      | 29-03-16                 |
| <b>Rajasthan</b>    | Jallipa-Kapurdi TPP            | Raj West Power Ltd.(JSW)                         | CHINESE            | U-5             | 135              | 135                      | 05-02-13                 |
|                     |                                |                                                  |                    | U-6             | 135              | 135                      | 03-03-13                 |
| <b>TN</b>           | Tuticorin TPP (Ind-Barath TPP) | IBPIL                                            | CHINESE            | U-1             | 660              | ---                      |                          |
| <b>UP</b>           | Prayagraj (Bara ) TPP          | Prayagraj power Gen. Co.Ltd( J.P.Power Ventures) | BHEL               | U-1             | 660              | 660                      | 25-12-15                 |
|                     |                                |                                                  |                    | U-2             | 660              | 660                      | 06-09-16                 |
|                     |                                |                                                  |                    | U-3             | 660              | ---                      |                          |
| <b>WB</b>           | Haldia TPP-I                   | M/s Haldia Energy Ltd.                           | CHINESE            | U-1             | 300              | 300                      | 14-01-15                 |
|                     |                                |                                                  |                    | U-2             | 300              | 300                      | 16-02-15                 |
| <b>Sub Total :</b>  |                                |                                                  |                    |                 | <b>43540</b>     | <b>30355</b>             |                          |
| <b>Total :</b>      |                                |                                                  |                    |                 | <b>72339.6</b>   | <b>55029.6</b>           |                          |

#### **ADDITIONAL PROJECTS LIKELY TO BE COMMISSIONED DURING 12TH PLAN AND BEYOND**

##### **CENTRAL SECTOR**

|                    |                     |      |          |     |     |     |          |
|--------------------|---------------------|------|----------|-----|-----|-----|----------|
| <b>Bihar</b>       | New Nabi Nagar TPP  | NTPC | NON-BHEL | U-1 | 660 | --- |          |
|                    |                     |      |          | U-2 | 660 | --- |          |
|                    |                     |      |          | U-3 | 660 | --- |          |
| <b>Chhattisgar</b> | Lara STPP           | NTPC | NON-BHEL | U-1 | 800 | --- |          |
|                    |                     |      |          | U-2 | 800 | --- |          |
| <b>Jharkhand</b>   | North Karanpura TPP | NTPC | BHEL     | U-1 | 660 | --- |          |
|                    |                     |      |          | U-2 | 660 | --- |          |
|                    |                     |      |          | U-3 | 660 | --- |          |
| <b>Karnataka</b>   | Kudgi STPP Ph-I     | NTPC | NON-BHEL | U-1 | 800 | 800 | 25-12-16 |
|                    |                     |      |          | U-2 | 800 | --- |          |
|                    |                     |      |          | U-3 | 800 | --- |          |
| <b>Maharashtra</b> | Mouda STPP-II       | NTPC | BHEL     | U-3 | 660 | 660 | 28-03-16 |

| <b>Sector State</b> | <b>Project Name</b>                 | <b>Impl. Agency</b>  | <b>Main Equip.</b> | <b>Unit No.</b> | <b>Cap. (MW)</b> | <b>Cap (MW) Achieved</b> | <b>Actual Comm. Date</b> |
|---------------------|-------------------------------------|----------------------|--------------------|-----------------|------------------|--------------------------|--------------------------|
| <b>Maharashtra</b>  | Mouda STPP-II                       | NTPC                 | BHEL               | U-4             | 660              | ---                      |                          |
| <b>Maharashtra</b>  | Solapur STPP                        | NTPC                 | NON-BHEL           | U-1             | 660              | ---                      |                          |
|                     |                                     |                      |                    | U-2             | 660              | ---                      |                          |
| <b>MP</b>           | Gadarwara STPP                      | NTPC                 | BHEL               | U-1             | 800              | ---                      |                          |
|                     |                                     |                      |                    | U-2             | 800              | ---                      |                          |
| <b>MP</b>           | Khargone TPP                        | NTPC                 | NON-BHEL           | U-1             | 660              | ---                      |                          |
|                     |                                     |                      |                    | U-2             | 660              | ---                      |                          |
| <b>MP</b>           | Vindhyachal TPP-V                   | NTPC                 | BHEL               | U-13            | 500              | <b>500</b>               | <b>06-08-15</b>          |
| <b>Orissa</b>       | Darlipali STPP                      | NTPC                 | NON-BHEL           | U-1             | 800              | ---                      |                          |
|                     |                                     |                      |                    | U-2             | 800              | ---                      |                          |
| <b>Telangana</b>    | Telangana Ph-I                      | NTPC                 | BHEL               | U-2             | 800              | ---                      |                          |
|                     |                                     |                      |                    | U-1             | 800              | ---                      |                          |
| <b>TN</b>           | Neyveli New TPP                     | NLC                  | BHEL               | U-1             | 500              | ---                      |                          |
|                     |                                     |                      |                    | U-2             | 500              | ---                      |                          |
| <b>Tripura</b>      | Agartala CCPP                       | NEEPCO               | NON-BHEL           | ST-1            | 25.5             | <b>25.5</b>              | <b>23-08-16</b>          |
|                     |                                     |                      |                    | ST-2            | 25.5             | <b>25.5</b>              | <b>22-03-15</b>          |
| <b>UP</b>           | Ghatampur TPP                       | JV of NLC and URVUNL | NON-BHEL           | U-1             | 660              | ---                      |                          |
|                     |                                     |                      |                    | U-2             | 660              | ---                      |                          |
|                     |                                     |                      |                    | U-3             | 660              | ---                      |                          |
| <b>UP</b>           | Meja STPP                           | JV of NTPC & UPRVUNL | NON-BHEL           | U-1             | 660              | ---                      |                          |
|                     |                                     |                      |                    | U-2             | 660              | ---                      |                          |
| <b>UP</b>           | Tanda TPS -II                       | NTPC                 | NON-BHEL           | U-1             | 660              | ---                      |                          |
|                     |                                     |                      |                    | U-2             | 660              | ---                      |                          |
| <b>UP</b>           | Unchahar TPS St-IV                  | NTPC                 | BHEL               | U-6             | 500              | ---                      |                          |
| <b>Sub Total :</b>  |                                     |                      |                    |                 | <b>23391</b>     | <b>2011</b>              |                          |
| <b>STATE SECTOR</b> |                                     |                      |                    |                 |                  |                          |                          |
| <b>AP</b>           | Dr.Narla Tata Rao TPS St-V          | APGENCO              | BHEL               | U-1             | 800              | ---                      |                          |
| <b>AP</b>           | Sri Damodaran Sanjeevaiah TPP St-II | APGENCO              | BHEL               | U-1             | 800              | ---                      |                          |
| <b>Bihar</b>        | Barauni TPS Extn                    | BSEB                 | BHEL               | U-8             | 250              | ---                      |                          |
|                     |                                     |                      |                    | U-9             | 250              | ---                      |                          |
| <b>Gujarat</b>      | Bhavnagar CFBC TPP                  | Bhavnagar Energy     | BHEL               | U-1             | 250              | <b>250</b>               | <b>16-05-16</b>          |
|                     |                                     |                      |                    | U-2             | 250              | ---                      |                          |
| <b>Gujarat</b>      | Dhuvaran CCPP-III                   | GSECL                | OTHERS             | Block-1         | 376.1            | <b>376.1</b>             | <b>21-05-14</b>          |
| <b>Gujarat</b>      | Sikka TPS Extn.                     | GSECL                | BHEL               | U-4             | 250              | <b>250</b>               | <b>25-09-15</b>          |
| <b>Gujarat</b>      | Wankbori TPS Extn                   | GSECL                | BHEL               | U-8             | 800              | ---                      |                          |
| <b>Karnataka</b>    | Bellary TPP St-III                  | KPCL                 | BHEL               | U-3             | 700              | <b>700</b>               | <b>01-03-16</b>          |
| <b>Karnataka</b>    | Yelahanka CCPP                      | KPCL                 | BHEL               | GT+ST           | 370              | ---                      |                          |
| <b>Karnataka</b>    | Yermarus TPP                        | KPCL                 | BHEL               | U-1             | 800              | <b>800</b>               | <b>29-03-16</b>          |
|                     |                                     |                      |                    | U-2             | 800              | ---                      |                          |
| <b>Maharashtra</b>  | Chandrapur TPS Extn.                | MSPGCL               | BHEL               | U-9             | 500              | <b>500</b>               | <b>21-03-16</b>          |
| <b>Maharashtra</b>  | Koradi TPS Expn.                    | MSPGCL               | NON-BHEL           | U-10            | 660              | <b>660</b>               | <b>28-12-16</b>          |
|                     |                                     |                      |                    | U-9             | 660              | <b>660</b>               | <b>15-03-16</b>          |
| <b>MP</b>           | Shree Singaji TPP Phase-II          | MPGENCO              | NON-BHEL           | U-3             | 660              | ---                      |                          |
|                     |                                     |                      |                    | U-4             | 660              | ---                      |                          |
| <b>Orissa</b>       | IB Valley TPP                       | OPGCL                | BHEL               | U-3             | 660              | ---                      |                          |
|                     |                                     |                      |                    | U-4             | 660              | ---                      |                          |
| <b>Rajasthan</b>    | Chhabra Super Critical TPP.         | RRVUNL               | BHEL               | U-5             | 660              | ---                      |                          |
|                     |                                     |                      |                    | U-6             | 660              | ---                      |                          |
| <b>Rajasthan</b>    | Kalisindh TPP                       | RRVUNL               | CHINESE            | U-2             | 600              | <b>600</b>               | <b>06-06-15</b>          |
| <b>Rajasthan</b>    | Suratgarh TPS                       | RRVUNL               | BHEL               | U-7             | 660              | ---                      |                          |

| <b>Sector State</b>          | <b>Project Name</b>               | <b>Impl. Agency</b>              | <b>Main Equip.</b> | <b>Unit No.</b> | <b>Cap. (MW)</b> | <b>Cap (MW) Achieved</b> | <b>Actual Comm. Date</b> |
|------------------------------|-----------------------------------|----------------------------------|--------------------|-----------------|------------------|--------------------------|--------------------------|
| <b>Rajasthan</b>             | Suratgarh TPS                     | RRVUNL                           | BHEL               | U-8             | 660              | ---                      |                          |
| <b>Telangana</b>             | Bhadradi TPP ( Manuguru)          | TGENCO                           | BHEL               | U-1             | 270              | ---                      |                          |
|                              |                                   |                                  |                    | U-2             | 270              | ---                      |                          |
|                              |                                   |                                  |                    | U-3             | 270              | ---                      |                          |
|                              |                                   |                                  |                    | U-4             | 270              | ---                      |                          |
| <b>Telangana</b>             | Kakatiya TPS Extn                 | T GENCO                          | BHEL               | U-1             | 600              | <b>600</b>               | <b>31-12-15</b>          |
| <b>Telangana</b>             | Kothagudem TPS St-VII             | TGENCO                           | BHEL               | U-1             | 800              | ---                      |                          |
| <b>Telangana</b>             | Singareni TPP                     | Singareni Collieries Co. Ltd     | BHEL               | U-1             | 600              | <b>600</b>               | <b>13-03-16</b>          |
|                              |                                   |                                  |                    | U-2             | 600              | <b>600</b>               | <b>25-11-16</b>          |
| <b>TN</b>                    | Ennore Super Critical TPP         | TANGEDCO                         | BHEL               | U-1             | 660              | ---                      |                          |
|                              |                                   |                                  |                    | U-2             | 660              | ---                      |                          |
| <b>TN</b>                    | Ennore TPP Expansion              | Lanco                            | Chinese            | U-1             | 660              | ---                      |                          |
| <b>TN</b>                    | North Chennai St-III              | TANGEDCO                         | BHEL               | U-1             | 800              | ---                      |                          |
| <b>TN</b>                    | Uppur Super Critical TPP          | TANGEDCO                         | BHEL               | U-1             | 800              | ---                      |                          |
|                              |                                   |                                  |                    | U-2             | 800              | ---                      |                          |
| <b>Tripura</b>               | Rokhia CCPP                       | Govt.of Ttipura                  | BHEL               | GT-9            | 21               | <b>21</b>                | <b>31-08-13</b>          |
| <b>UP</b>                    | Harduaganj Expn II                | UPRVUNL                          | Non-BHEL           | U-1             | 660              | ---                      |                          |
| <b>WB</b>                    | Durgapur TPS Extn U-8             | DPL                              | BHEL               | U-8             | 250              | <b>250</b>               | <b>31-03-14</b>          |
| <b>WB</b>                    | Sagardighi TPS-II                 | WBPDCL                           | BHEL               | U-3             | 500              | <b>500</b>               | <b>14-12-15</b>          |
|                              |                                   |                                  |                    | U-4             | 500              | <b>500</b>               | <b>15-12-16</b>          |
| <b>Sub Total :</b>           |                                   |                                  |                    |                 | <b>24387.1</b>   | <b>7867.1</b>            |                          |
| <b><u>PRIVATE SECTOR</u></b> |                                   |                                  |                    |                 |                  |                          |                          |
| <b>AP</b>                    | Lanco Kondapalli CPP Expn. St.III | Kondapalli Power Pvt.            | Others             | Module-1        | 371              | <b>371</b>               | <b>07-08-15</b>          |
|                              |                                   |                                  |                    | Module-2        | 371              | <b>371</b>               | <b>05-09-15</b>          |
| <b>AP</b>                    | Simhapuri Energy Pvt Ltd Ph-II    | Madhucon Projects Ltd.           | CHINESE            | U-3             | 150              | <b>150</b>               | <b>21-02-14</b>          |
|                              |                                   |                                  |                    | U-4             | 150              | <b>150</b>               | <b>06-03-15</b>          |
| <b>AP</b>                    | Vemagiri CCPP-II                  | GMR Rajahmundry Energy Ltd.      | OTHERS             | Block-I         | 384              | <b>384</b>               | <b>12-09-15</b>          |
|                              |                                   |                                  |                    | Block-II        | 384              | <b>384</b>               | <b>05-10-15</b>          |
| <b>Bihar</b>                 | Jas Infra TPP Ph-I                | JICPL                            | CHINESE            | U-1             | 660              | ---                      |                          |
|                              |                                   |                                  |                    | U-2             | 660              | ---                      |                          |
|                              |                                   |                                  |                    | U-3             | 660              | ---                      |                          |
|                              |                                   |                                  |                    | U-4             | 660              | ---                      |                          |
| <b>Chhattisgar</b>           | Akaltara (Naiyara) TPP            | KSK Mahandi Power Company Ltd    | CHINESE            | U-4 (5th)       | 600              | ---                      |                          |
|                              |                                   |                                  |                    | U-5(1st)        | 600              | ---                      |                          |
|                              |                                   |                                  |                    | U-6             | 600              | ---                      |                          |
| <b>Chhattisgar</b>           | Binjkote TPP                      | SKS Power Gen.(Chhattisgarh Ltd) | CHINESE            | U-4             | 300              | ---                      |                          |
| <b>Chhattisgar</b>           | Chakabura TPP                     | ACB India                        | NON-BHEL           | U-1             | 30               | <b>30</b>                | <b>28-03-14</b>          |
| <b>Chhattisgar</b>           | Deveri TPP (Visa TPP) Raigarh     | Visa Power Ltd                   | BHEL               | U-1             | 600              | ---                      |                          |
| <b>Chhattisgar</b>           | Raikheda TPP                      | GMR                              | NON-BHEL           | U-1             | 685              | <b>685</b>               | <b>27-02-15</b>          |
|                              |                                   |                                  |                    | U-2             | 685              | <b>685</b>               | <b>28-03-16</b>          |
| <b>Chhattisgar</b>           | Ratija TPS-II                     | Spectrum Coal & Power Ltd        | NON-BHEL           | U-2             | 50               | <b>50</b>                | <b>10-11-16</b>          |
| <b>Chhattisgar</b>           | Singhitarai TPP                   | Athena Chhattisgarh Power Ltd.   | CHINESE            | U-2             | 600              | ---                      |                          |
| <b>Chhattisgar</b>           | Tamnar TPP ( Raigarh)             | O.P.Jindal                       | BHEL               | U-3             | 600              | <b>600</b>               | <b>07-01-15</b>          |
|                              |                                   |                                  |                    | U-4             | 600              | <b>600</b>               | <b>28-03-15</b>          |
| <b>Chhattisgar</b>           | Uchpinda TPP                      | RKM Powergen Pvt. Ltd            | CHINESE            | U-4             | 360              | ---                      |                          |
| <b>Gujarat</b>               | DGEN Mega CCPP                    | Torrent Energy Ltd               | OTHERS             | Module-1        | 400              | <b>400</b>               | <b>12-01-14</b>          |

| <b>Sector State</b> | <b>Project Name</b>              | <b>Impl. Agency</b>                | <b>Main Equip.</b> | <b>Unit No.</b> | <b>Cap. (MW)</b> | <b>Cap (MW) Achieved</b> | <b>Actual Comm. Date</b> |
|---------------------|----------------------------------|------------------------------------|--------------------|-----------------|------------------|--------------------------|--------------------------|
| <b>Gujarat</b>      | DGEN Mega CCPP                   | Torrent Energy Ltd                 | OTHERS             | Module-2        | 400              | <b>400</b>               | <b>23-04-14</b>          |
|                     |                                  |                                    |                    | Module-3        | 400              | <b>400</b>               | <b>09-03-14</b>          |
| <b>Gujarat</b>      | Mundra UMPP                      | Tata Power Co.                     | OTHERS             | U-3             | 800              | <b>800</b>               | <b>16-10-12</b>          |
|                     |                                  |                                    |                    | U-4             | 800              | <b>800</b>               | <b>16-01-13</b>          |
|                     |                                  |                                    |                    | U-5             | 800              | <b>800</b>               | <b>18-03-13</b>          |
| <b>Gujarat</b>      | Unosugen Mega CCPP               | Torrent Energy Ltd                 | Others             | Module-1        | 382.5            | <b>382.5</b>             | <b>20-01-13</b>          |
| <b>Jharkhand</b>    | Mata Shri Usha TPP-Ph-           | Corporate Power Ltd                | BHEL               | U-3             | 270              | ---                      |                          |
|                     |                                  |                                    |                    | U-4             | 270              | ---                      |                          |
| <b>Jharkhand</b>    | Tori TPP                         | Essar Power                        | CHINESE            | U-1             | 600              | ---                      |                          |
|                     |                                  |                                    |                    | U-2             | 600              | ---                      |                          |
| <b>Jharkhand</b>    | Tori TPS Ph-II                   | Essar Power                        | CHINESE            | U-1             | 600              | ---                      |                          |
| <b>Maharashtra</b>  | Amravati TPP Ph-II               | Ratan India Power Pvt              | BHEL               | U-1             | 270              | ---                      |                          |
|                     |                                  |                                    |                    | U-2             | 270              | ---                      |                          |
|                     |                                  |                                    |                    | U-3             | 270              | ---                      |                          |
|                     |                                  |                                    |                    | U-4             | 270              | ---                      |                          |
|                     |                                  |                                    |                    | U-5             | 270              | ---                      |                          |
| <b>Maharashtra</b>  | Bijora Ghanmukh TPP              | M/s Jinbhuvish Power Gen. Pvt.Ltd. | CHINESE            | U-1             | 300              | ---                      |                          |
|                     |                                  |                                    |                    | U-2             | 300              | ---                      |                          |
| <b>Maharashtra</b>  | Butibori TPP Ph-II               | Vidarbha Industries Power          | CHINESE            | U-2             | 300              | <b>300</b>               | <b>31-03-14</b>          |
| <b>Maharashtra</b>  | Mangaon CCPP                     | PGPL                               | Others             | Block-1         | 388              | <b>388</b>               | <b>14-07-16</b>          |
| <b>Maharashtra</b>  | Nasik TPP Ph-II                  | Ratan India Nasik Power Pvt Ltd.   | BHEL               | U-1             | 270              | ---                      |                          |
|                     |                                  |                                    |                    | U-2             | 270              | ---                      |                          |
|                     |                                  |                                    |                    | U-3             | 270              | ---                      |                          |
|                     |                                  |                                    |                    | U-4             | 270              | ---                      |                          |
|                     |                                  |                                    |                    | U-5             | 270              | ---                      |                          |
| <b>Maharashtra</b>  | Shirpur Power Pvt. Ltd.          | Shirpur Power                      | BHEL               | U-1             | 150              | ---                      |                          |
|                     |                                  |                                    |                    | U-2             | 150              | ---                      |                          |
| <b>Maharashtra</b>  | Tirora TPP Ph-II                 | Adani Power Ltd                    | CHINESE            | U-2             | 660              | <b>660</b>               | <b>23-03-14</b>          |
|                     |                                  |                                    |                    | U-3             | 660              | <b>660</b>               | <b>25-09-14</b>          |
| <b>MP</b>           | Mahan TPP                        | Essar Power MP Ltd                 | Chinese            | U-1             | 600              | <b>600</b>               | <b>24-02-13</b>          |
|                     |                                  |                                    |                    | U-2             | 600              | ---                      |                          |
| <b>MP</b>           | Nigri TPP                        | Jaiprakash Power Ventures Ltd      | NON-BHEL           | U-1             | 660              | <b>660</b>               | <b>29-08-14</b>          |
|                     |                                  |                                    |                    | U-2             | 660              | <b>660</b>               | <b>17-02-15</b>          |
| <b>MP</b>           | Niwari TPP                       | BLA Power Ltd                      | NON-BHEL           | U-1             | 45               | <b>45</b>                | <b>10-12-13</b>          |
|                     |                                  |                                    |                    | U-2             | 45               | ---                      |                          |
| <b>MP</b>           | Sasan UMPP                       | Reliance Power Ltd.                | CHINESE            | U-1             | 660              | <b>660</b>               | <b>21-05-14</b>          |
|                     |                                  |                                    |                    | U-4             | 660              | <b>660</b>               | <b>25-03-14</b>          |
|                     |                                  |                                    |                    | U-5             | 660              | <b>660</b>               | <b>24-08-14</b>          |
|                     |                                  |                                    |                    | U-6             | 660              | <b>660</b>               | <b>19-03-15</b>          |
| <b>Orissa</b>       | Derang TPP                       | JITPL                              | BHEL               | U-2             | 600              | <b>600</b>               | <b>24-01-15</b>          |
| <b>Orissa</b>       | KVK Nilanchal TPP                | KVK Nilachal                       | CHINESE            | U-2             | 350              | ---                      |                          |
|                     |                                  |                                    |                    | U-3             | 350              | ---                      |                          |
| <b>Orissa</b>       | Lanco Babandh TPP                | Lanco Babandh Power Ltd            | CHINESE            | U-2             | 660              | ---                      |                          |
| <b>Orissa</b>       | Malibrahmani TPP ( Monnet Ispat) | MPCL                               | BHEL               | U-1             | 525              | ---                      |                          |
|                     |                                  |                                    |                    | U-2             | 525              | ---                      |                          |
| <b>Rajasthan</b>    | Jallipa-Kapurdi TPP              | Raj West Power Ltd.(JSW)           | CHINESE            | U-7             | 135              | <b>135</b>               | <b>16-03-13</b>          |
|                     |                                  |                                    |                    | U-8             | 135              | <b>135</b>               | <b>28-02-13</b>          |
| <b>Rajasthan</b>    | Kawai TPP                        | Adani Power Ltd.                   | CHINESE            | U-1             | 660              | <b>660</b>               | <b>28-05-13</b>          |
|                     |                                  |                                    |                    | U-2             | 660              | <b>660</b>               | <b>24-12-13</b>          |
| <b>TN</b>           | ITPCL TPP                        | IL&FS Tamil Nadu Power Company Ltd | Chinese            | U-1             | 600              | <b>600</b>               | <b>19-09-15</b>          |
|                     |                                  |                                    |                    | U-2             | 600              | <b>600</b>               | <b>18-04-16</b>          |

| <i>Sector State</i>    | <i>Project Name</i>          | <i>Impl. Agency</i>               | <i>Main Equip.</i> | <i>Unit No.</i> | <i>Cap. (MW)</i> | <i>Cap (MW) Achieved</i> | <i>Actual Comm. Date</i> |
|------------------------|------------------------------|-----------------------------------|--------------------|-----------------|------------------|--------------------------|--------------------------|
| <b>TN</b>              | Melamaruthur TPP             | Coastal Energen                   | Chinese            | U-1             | 600              | <b>600</b>               | <b>02-12-14</b>          |
|                        |                              |                                   |                    | U-2             | 600              | <b>600</b>               | <b>02-01-16</b>          |
| <b>TN</b>              | Tuticorin TPP-II(Ind barath) | Ind Barath                        | Chinese            | U-1             | 150              | <b>150</b>               | <b>31-01-13</b>          |
|                        |                              |                                   |                    | U-2             | 150              | <b>150</b>               | <b>30-12-13</b>          |
| <b>TN</b>              | Tutuicorin TPP St-IV         | SEPC                              | BHEL               | U-1             | 525              | ---                      |                          |
| <b>UP</b>              | Lalitpur TPP                 | Lalitpur power Generation Co. Ltd | BHEL               | U-1             | 660              | <b>660</b>               | <b>26-03-16</b>          |
|                        |                              |                                   |                    | U-2             | 660              | <b>660</b>               | <b>08-01-16</b>          |
|                        |                              |                                   |                    | U-3             | 660              | <b>660</b>               | <b>01-04-16</b>          |
| <b>Uttarakhand</b>     | Gama CCPP                    | GIPL                              | OTHERS             | GT+ST           | 225              | <b>225</b>               | <b>25-04-16</b>          |
| <b>Uttarakhand</b>     | Kashipur CCPP-I              | Sravanthi Energy Pvt.             | OTHERS             | Block-I         | 225              | <b>225</b>               | <b>20-11-16</b>          |
| <b>WB</b>              | India Power TPP              | Haldia Energy Ltd.                | BHEL               | U-1             | 150              | ---                      |                          |
|                        |                              |                                   |                    | U-2             | 150              | ---                      |                          |
|                        |                              |                                   |                    | U-3             | 150              | ---                      |                          |
| <b>Sub Total :</b>     |                              |                                   |                    |                 | <b>38645.5</b>   | <b>22375.5</b>           |                          |
| <b>Total :</b>         |                              |                                   |                    |                 | <b>86423.6</b>   | <b>32253.6</b>           |                          |
| <b>Over All Total:</b> |                              |                                   |                    |                 | <b>158763.2</b>  | <b>87283.20</b>          |                          |

# **CENTRAL SECTOR**

**BROAD STATUS OF CENTRAL SECTOR THERMAL POWER PROJECTS  
(NTPC Limited)**

| Sl. No.                        | PROJECT DETAILS                                                                                                                                                                   | Capacity (MW)     | Commissioning Schedule                                  |       |                             |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------|-------|-----------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                |                                                                                                                                                                                   |                   | Original                                                |       | Actual(A) / As now Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                |                                                                                                                                                                                   |                   | Syn. com.                                               | COD   | Syn. com.                   | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                | Central Sector                                                                                                                                                                    |                   |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1.                             | Barh STPP St-I, Dist: Patna, Bihar (NTPC Ltd.)                                                                                                                                    | 1980              |                                                         |       |                             |       | <b>Unit-1:</b><br><b>Boiler:</b> Boiler erection started in Mar'11. Boiler Hydro Test completed on 28.02.13. Boiler light up expected by Mar'17. Bunkers, mills erected. Tipper, feeders to be made ready. Coal piping & PA ducting to be made ready.<br><b>TG:</b> TG erection started in Aug'11. TG Box up completed on 28/12/13.TG oil-flushing completion expected by Feb'17.<br><b>Unit-2:</b><br><b>Boiler:</b> Boiler erection started in Jul'11. Boiler Hydro Test expected by May'17. <b>TG:</b> TG erection started in Sept'11.TG Box up completed in Jan'15. TG oil-flushing completion expected by May'17.<br><b>Unit-3:</b><br><b>Boiler:</b> Boiler erection started in Jan'12. Boiler Hydro Test expected by Nov'17. <b>TG:</b> TG erection started in Mar'12.TG box-up expected by Sep'17.<br><b>Balance of Plant:</b><br><b>Chimney:</b> All works in one bi- flue chimney for unit- 1 & 2 and one single chimney for unit- 3 are completed.<br><b>CHP:</b> CHP structural erection is completed. Equipment erection up to U-1 completed.<br><b>AHP:</b> AHP some civil works are done. DCIPS stopped work due to financial problems. NTPC terminated contract in Jun'15. Balance ash handling works awarded to M/s Melco on 15.04.16.<br><b>Ash dyke:</b> All works in Ash Dyke completed.<br><b>IDCTs:</b> All works in Cooling Towers are completed.<br><i>#SG contract to M/s TPE was terminated on 14.01.2015.</i><br><i>Balance power cycle piping is awarded to M/s BHEL on 22.05.15. Supply of Flue gas &amp;air duct awarded on M/s Lilama. Erection of support structures for flue gas &amp; air ducts package awarded to Mukund Engineers. Customs &amp; Transportation work awarded on M/s Boxco. Fuel oil trestle awarded to M/s Abhishek Enterprises. "As is where is basis" package for balance SG works awarded on M/s Doosan on 30.01.2016.Balance ash handling works awarded to M/s Melco on 15.04.16.</i> |
|                                | U-1                                                                                                                                                                               | 660               | <u>03/09</u><br><u>08/09</u><br><u>05/17*</u><br>05/17* | 06/17 | <u>05/17</u><br>05/17       | 07/17 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                | U-2                                                                                                                                                                               | 660               | <u>01/10</u><br><u>06/10</u><br><u>11/17*</u><br>11/17* | 12/17 | <u>11/17</u><br>11/17       | 01/18 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                | U-3                                                                                                                                                                               | 660               | <u>11/10</u><br><u>04/11</u><br><u>05/18*</u><br>05/18* | 06/18 | <u>05/18</u><br>05/18       | 07/18 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                | (*Revised as per award of balance works of SG package dated 30.01.16)                                                                                                             |                   |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                | Investment Approval                                                                                                                                                               | : Feb'05          |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                | Sanctioning Authority                                                                                                                                                             | : NTPC Board      |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                | Orig.Est. cost                                                                                                                                                                    | : Rs869300 lakhs  |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                | Latest. Est. Cost                                                                                                                                                                 | : Rs1509567 lakhs |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                | Cum Exp.upto 2009                                                                                                                                                                 | : Rs 396710 lakhs |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                | Exp during 2009-10                                                                                                                                                                | : Rs 69539 lakhs  |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                | 2010-11                                                                                                                                                                           | : Rs 92200 lakhs  |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                | 2011-12                                                                                                                                                                           | : Rs 127200 lakhs |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2012-13                        | : Rs 143300 lakhs                                                                                                                                                                 |                   |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2013-14                        | : Rs 160100 lakhs                                                                                                                                                                 |                   |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2014-15                        | : Rs 81100 lakhs                                                                                                                                                                  |                   |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2015-16                        | : Rs 116700 lakhs                                                                                                                                                                 |                   |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2016-17                        | : Rs 71200 lakhs                                                                                                                                                                  |                   |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cumulative Exp (up to Nov'16)  | : Rs 1236400 lakhs                                                                                                                                                                |                   |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Type of fuel                   | : Coal                                                                                                                                                                            |                   |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Fuel linkage                   |                                                                                                                                                                                   |                   |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Date of Main Plant Order (BTG) | SG :03/2005 on M/s Technopromexport, Russia. (Terminated on 14.01.2015) # TG : 03/2005 on M/s Power Machines Russia                                                               |                   |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Zero Date:                     | 14/03/2005                                                                                                                                                                        |                   |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Power Evacuation               |                                                                                                                                                                                   |                   |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Critical Areas                 | Balance SG works by Doosan, Power cycle piping supplies by BHEL, C&I materials supplies, HP Piping erection works, Balance AHP works, Resource mobilization for parallel working. |                   |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Reasons for Delay              | Non-Performance by TPE (SG contract).                                                                                                                                             |                   |                                                         |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

| Sl. No. | Project Details                                     | Cap. (MW) | Commissioning Schedule                                                                                                                                                                                                                                                                                                                       |     |                             |       | Broad Status                                                                                                                                                               |
|---------|-----------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                                     |           | Original                                                                                                                                                                                                                                                                                                                                     |     | Actual(A) / As now Expected |       |                                                                                                                                                                            |
|         |                                                     |           | Syn. Com                                                                                                                                                                                                                                                                                                                                     | COD | Syn. Com                    | COD   |                                                                                                                                                                            |
|         | Central Sector                                      |           |                                                                                                                                                                                                                                                                                                                                              |     |                             |       |                                                                                                                                                                            |
| 2.      | Bongaigaon TPS, Distt: Kokrajhar, Assam (NTPC Ltd.) | 750       |                                                                                                                                                                                                                                                                                                                                              |     |                             |       | Unit-1:<br>Boiler: Boiler Erection started on 27/02/2009.Drum lifted on 25/01/2010.Hydro test done in 01/2011. BLU done in 29/11/14 & steam blowing completed on 01/04/15. |
|         | U-1                                                 | 250       | 11/10<br>01/11                                                                                                                                                                                                                                                                                                                               | -   | 06/15<br>22/06/15           | 04/16 |                                                                                                                                                                            |
|         | U-2                                                 | 250       | 03/11<br>05/11                                                                                                                                                                                                                                                                                                                               | -   | 12/16<br>12/16              | 06/17 | TG: Condenser erection started in 2/10. TG erection started in 03/11& boxed up in 04/15. Unit achieved full load on 22/06/15.                                              |
|         | U-3                                                 | 250       | 07/11<br>09/11                                                                                                                                                                                                                                                                                                                               | -   | 06/17<br>07/17              | 09/17 | COD achieved on 01.04.2016.                                                                                                                                                |
|         | Investment Approval                                 |           | : 30/01/2008                                                                                                                                                                                                                                                                                                                                 |     |                             |       | Unit-2:                                                                                                                                                                    |
|         | Org.Est. cost                                       |           | : Rs. 437535 Lakhs                                                                                                                                                                                                                                                                                                                           |     |                             |       | Boiler: Boiler Erection started on 3/10 & Drum lifted in 10/10.Hydro test done in 04/12. BLU done on 27.03.16. Steam blowing completed in 11/16.                           |
|         | Latest cost                                         |           | : Rs. 674918 Lakhs                                                                                                                                                                                                                                                                                                                           |     |                             |       |                                                                                                                                                                            |
|         | Exp. During 2007-08                                 |           | : Rs. 23831 Lakhs                                                                                                                                                                                                                                                                                                                            |     |                             |       | ESP: Erection works of all the four passes (A to D) are completed. Air tightness test (ATT) is also completed.                                                             |
|         | Exp. During 2008-09                                 |           | : Rs. 16046 lakhs                                                                                                                                                                                                                                                                                                                            |     |                             |       | TG:TG erection started in 01/16. TG Box up completed in 11/16.TG oil flusing completed in 12/16.                                                                           |
|         | Exp. During 2009-10                                 |           | : Rs 70913 lakhs                                                                                                                                                                                                                                                                                                                             |     |                             |       | Unit-3:                                                                                                                                                                    |
|         | Exp. During 2010-11                                 |           | : Rs 56300 lakhs                                                                                                                                                                                                                                                                                                                             |     |                             |       | Boiler: Boiler Erection started in 4/12. Boiler drum lifted on 25/02/13 & HT done on 21/03/14. BLU expected by 01/17.                                                      |
|         | Exp. During 2011-12                                 |           | : Rs 137610 Lakhs                                                                                                                                                                                                                                                                                                                            |     |                             |       | ESP: 02 passes of ESP erection completed. ATT for these 02 passes also completed.                                                                                          |
|         | Exp. During 2012-13                                 |           | : Rs. 74900 Lakhs                                                                                                                                                                                                                                                                                                                            |     |                             |       | TG: TG deck casting done in 03/16. TG erection started in 10/16. TG box up expected in 05/17.                                                                              |
|         | Exp. During 2013-14                                 |           | Rs. 68500 Lakhs                                                                                                                                                                                                                                                                                                                              |     |                             |       | Balance of Plant:                                                                                                                                                          |
|         | Exp. During 2014-15                                 |           | : Rs. 65700 Lakhs                                                                                                                                                                                                                                                                                                                            |     |                             |       | Chimney: Order placed on M/s Gammon. Chimney shell portion completed. 03 nos. of Flue cans erection competed.                                                              |
|         | Exp. During 2015-16                                 |           | : Rs. 78700 Lakhs                                                                                                                                                                                                                                                                                                                            |     |                             |       | CHP: Order placed on M/s McNelly Bharat in Jan'10. There are two nos. of wagon tipplers in this project. 01 no. of wagon tippler is already commissioned.                  |
|         | Exp. During 2016-17                                 |           | : Rs. 35300 Lakhs                                                                                                                                                                                                                                                                                                                            |     |                             |       | AHP: Order placed on M/s McNelly Bharat in Jun'09.                                                                                                                         |
|         | Cumulative Exp. (Up to Nov'16)                      |           | : Rs. 631200 lakhs                                                                                                                                                                                                                                                                                                                           |     |                             |       | IDCTs: Order placed on M/s PCT.                                                                                                                                            |
|         | Type of fuel                                        |           | : Coal                                                                                                                                                                                                                                                                                                                                       |     |                             |       |                                                                                                                                                                            |
|         | Date of Main Plant Order                            |           | : 05/02/08, BHEL                                                                                                                                                                                                                                                                                                                             |     |                             |       |                                                                                                                                                                            |
|         | Coal Source and Transportation                      |           | : Source of Coal & Transportation: 2/3 of required Coal will be transported from Margarita- Makuma mines of NECL (Upper Assam). Rest 1/3 will be supplied by ECL mines in Raniganj area of West Bengal. Coal will be transported using Railway wagons by BOBR.                                                                               |     |                             |       |                                                                                                                                                                            |
|         | Power Evacuation:                                   |           | 1. 400KV BTPS(NTPC)-Bongaigaon (PG) D/C Line<br>2. 220 KV BTPS(NTPC)-Bongaigaon (Assam ) D/C Line                                                                                                                                                                                                                                            |     |                             |       |                                                                                                                                                                            |
|         | Critical Areas                                      |           | Civil works, readiness of raw water system, identification & supply of cannibalized materials for Unit-3 by BHEL.                                                                                                                                                                                                                            |     |                             |       |                                                                                                                                                                            |
|         | Reasons for Delay                                   |           | Inadequate deployment of manpower by BHEL and its sub-agencies affected the progress of Unit-1.<br>Law and order issues. Frequent bandhs leading to stoppage of work.<br>Work has come to halt in Jul'12, May'14 & Dec'14 due to violence and mass exodus of labour from site.<br>Poor performance of BOP/Civil contractors.<br>Heavy rains. |     |                             |       |                                                                                                                                                                            |
|         |                                                     |           |                                                                                                                                                                                                                                                                                                                                              |     |                             |       |                                                                                                                                                                            |

| Sl. No.                         | PROJECT DETAILS                                                                                       | Capacity (MW)                                                                                                                                                                                                                                                                                                               | Commissioning Schedule |       |                                    |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 |                                                                                                       |                                                                                                                                                                                                                                                                                                                             | Original               |       | Actual(A) / As now Expected        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                 |                                                                                                       |                                                                                                                                                                                                                                                                                                                             | Syn. com.              | COD   | Syn. com.                          | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 3.                              | Central Sector                                                                                        |                                                                                                                                                                                                                                                                                                                             |                        |       |                                    |       | <b>Unit-3:</b><br><b>Boiler:</b> Boiler drum lifting completed in Mar'12. Boiler Hydro Test completed on 25 <sup>th</sup> Feb'13. Boiler light-up completed on 08.11.14. Steam blowing started on 24.01.15 and completed on 12.02.15.<br><b>TG:</b> Condenser erection started on 10 <sup>th</sup> Dec'12. TG erection started on 29 <sup>th</sup> Jan'13. TG box up is completed on 30.09.14. TG oil flushing completed in Mar'15. Synchronization and full load achieved on 31.03.2015. COD yet to be achieved.<br><b>Unit-4:</b><br><b>Boiler:</b> Boiler drum lifting completed on 12 <sup>th</sup> Sept'12. Boiler Hydro Test completed on 05.08.13. Boiler light-up completed in 08/15. SBO completed in Nov'15.<br><b>TG:</b> TG erection started on 30 <sup>th</sup> Sept'13.TG box up done on 09.01.16. TG oil flushing completed in 03/16. Synchronization achieved on 24.03.2016. Full load completed in Mar'16. Unit is not considered as commissioned, due to very poor status towards readiness of CHP, AHP systems.<br><b>Balance of Plant:</b><br><b>Chimney:</b> Order placed on M/s HCC in Feb'11.<br><b>CHP:</b> Re-award on M/s Indure on 21.08.15. Present focus is on completion of priority/ contingency path from CHP of existing plant. Fabrication of 500/ 1625 MT ton structural steel completed and priority path to be ready by Dec. 16 to achieve COD of unit- 3.<br><br><b>AHP:</b> Ash water pumps are erected. Ash slurry p/h building works in progress. There are four series of ash slurry pumps, each series having 4 pumps. 08 pumps out of total 16 nos. of pumps erected. |
|                                 | Kanti TPS St-II, Dist: Muzaffarpur, Bihar [KBUNL- Kanti Bijlee Utpadan Nigam Ltd. (JV of NTPC& BSEB)] | 390                                                                                                                                                                                                                                                                                                                         |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                 | U-3                                                                                                   | 195                                                                                                                                                                                                                                                                                                                         | 09/12<br>10/12         | 11/12 | <u>03/15(A)</u><br><u>03/15(A)</u> | 06/16 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                 | U-4                                                                                                   | 195                                                                                                                                                                                                                                                                                                                         | 12/12<br>01/13         | 02/13 | <u>24.03.16(A)</u><br>1/17         | 2/17  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                 | Investment Approval                                                                                   |                                                                                                                                                                                                                                                                                                                             |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                 | Orig.Est. cost                                                                                        | : Rs 315433 lakhs                                                                                                                                                                                                                                                                                                           |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                 | Latest .Est. Cost                                                                                     | : Rs 394216 lakhs                                                                                                                                                                                                                                                                                                           |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                 | Exp.During                                                                                            |                                                                                                                                                                                                                                                                                                                             |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                 | 2010-11                                                                                               | : Rs25635.00 lakhs                                                                                                                                                                                                                                                                                                          |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                 | 2011-12                                                                                               | : Rs64839.00 lakhs                                                                                                                                                                                                                                                                                                          |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                 | 2012-13                                                                                               | : Rs74423.00 lakhs                                                                                                                                                                                                                                                                                                          |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                 | 2013-14                                                                                               | : Rs62237.00 lakhs                                                                                                                                                                                                                                                                                                          |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                 | 2014-15                                                                                               | : Rs 53806.00 lakhs                                                                                                                                                                                                                                                                                                         |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2015-16                         | : Rs48285.00lakhs                                                                                     |                                                                                                                                                                                                                                                                                                                             |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2016-17                         | : Rs31532.00 lakhs                                                                                    |                                                                                                                                                                                                                                                                                                                             |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Total Expenditure(up to Dec'16) | : Rs 360757.00 lakhs                                                                                  |                                                                                                                                                                                                                                                                                                                             |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Type of fuel                    | : Coal                                                                                                |                                                                                                                                                                                                                                                                                                                             |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Fuel linkage                    |                                                                                                       |                                                                                                                                                                                                                                                                                                                             |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Date of Main Plant Order        | : 03/2010 on BHEL                                                                                     |                                                                                                                                                                                                                                                                                                                             |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Zero Date                       | : 12/03/2010                                                                                          |                                                                                                                                                                                                                                                                                                                             |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Power Evacuation                |                                                                                                       |                                                                                                                                                                                                                                                                                                                             |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                 | Critical Areas                                                                                        | Unit-4 :<br><b>Land Acquisition</b> for Raw water pipe line- 2.1 km out of 4.2 km already done. Rest of 2.1 km to be done (Action KBUNL). Survey for verification of present land owners & type of land completed.<br>CHP readiness by Indure.<br>AHP readiness by Techpro.<br>Contingency arrangement for raw water supply |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                 | Reasons for Delay                                                                                     | Readiness of CHP, AHP, raw water system.<br>Delay in award of main plant civil package.<br>Slow pace of civil works by HCC causing delay in front hand over to other erection agencies.                                                                                                                                     |                        |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

| Sl. No. | PROJECT DETAILS                                                                                             | Capacity (MW)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Commissioning Schedule                                                              |       |                                    |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------|------------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Original                                                                            |       | Actual(A) / As now Expected        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         |                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Syn. com.                                                                           | COD   | Syn. com                           | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Central Sector                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 4.      | Nabinagar TPP, Dist: Aurangabad, Bihar [BRBCL-Bhartiya Rail Bijlee Co. Ltd. (JV of NTPC & Indian Railways)] | 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                     |       |                                    |       | <b>Unit-1:</b><br><b>Boiler:</b> Boiler erection started in May’11. Boiler drum lifted on 20/10/12. Boiler HT completed on 11.04.2014. BLU done in Mar’15. Chemical cleaning completed on 11.10.15. SBO completed in Jan’16.<br><b>ESP:</b> 4041 MT out of 4600 MT erected.<br><b>TG:</b> Condenser erection started on 26.2.13. TG erection started in Jan’14. TG Box-up done in Dec’15. TG oil flushing completed in Dec’15. Unit commissioned on 20.03.2016.<br><b>Unit-2:</b><br><b>Boiler:</b> Boiler erection started in Dec’11. Boiler drum lifting completed on 21 <sup>st</sup> Mar’13. Boiler HT completed in Feb’15. BLU done in Oct’16.<br><b>ESP:</b> 1310 MT out of 4600 MT erected.<br><b>TG:</b> TG deck casting completed in 04/15. Condenser erection started in 05/15. TG erection started in Oct’15. TG box-up expected in Jan’17.<br><b>Unit-3:</b><br><b>Boiler:</b> Boiler erection started in Nov’11. Boiler drum lifting completed on 10.06.13. Boiler hydro test done in Nov’16(30.11.16) in poor category. BLU expected in Mar’17.<br><b>ESP:</b> 1446 MT out of 4600 MT erected.<br><b>TG:</b> TG erection started in June’16. TG box-up expected in Jan’17.<br><b>Unit-4:</b><br><b>Boiler:</b> Boiler erection started in Dec’12. Boiler drum lifting completed on 16.09.13. Boiler hydro test expected by Feb’17.<br><b>TG:</b> TG columns work in progress. TG deck casting expected in Aug’16. TG erection start expected by Feb’17.<br><b>Balance of Plant:</b><br><b>Chimney:</b> Chimney#1(for U-1&2) &Chimney #2 (for U-3&4) shell casting completed. Flue can erection completed for U1 & U2.<br><b>CHP:</b> Wagon tippler raft casting completed. Crusher house, TP’s structural erection in progress.<br><b>AHP(Indure):</b> Ash slurry sump ready. Inside Ash slurry P/h, 2 <sup>nd</sup> series pumps is being made ready. Inside Ash water P/h, pumps foundations completed. Pumps (01 BALP, 01 FAHP ready).<br><b>PT Plant:</b> Clarifier 1 and filter house ready. Chlorination building ready.<br><b>DM plant:</b> 02 streams commissioned. 01 no. of DM tank ready. Inside DM pump house, pumps erection done.<br><b>CW Pump house:</b> Forebay raft completed. Pumps (02 Nos) erection completed. 03 <sup>rd</sup> and 04 <sup>th</sup> pump erected.<br><b>IDCTs:</b> Order placed in Sep’13. IDCT is FRP type. There are 20 cells in each IDCT. Civil work of basin & wall completed. Balance works are in progress in all the four IDCT’s.<br><b>Railway siding:</b> Awarded in M/s Rites. Total route length is 11.9 km (5.4 km inside+6.4 km outside) and track length is 35 km(16 km internal+19 km external) from Nabinagar road railway station. |
|         | U-1                                                                                                         | 250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <u>08/10*</u><br><u>10/10*</u><br><u>12/12**</u><br>02/13**                         | 06/13 | <u>03/16(A)</u><br><b>03/16(A)</b> | 10/16 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | U-2                                                                                                         | 250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <u>02/11*</u><br><u>04/11*</u><br><u>03/13**</u><br>05/13**                         | 10/13 | <u>02/17</u><br>03/17              | 04/17 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | U-3                                                                                                         | 250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <u>08/11*</u><br><u>10/11*</u><br><u>06/13**</u><br>08/13**                         | 02/14 | <u>04/17</u><br>07/17              | 08/17 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | U-4                                                                                                         | 250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <u>02/12*</u><br><u>04/12*</u><br><u>09/13**</u><br>11/13**<br><br>(* Org / ** Rev) | 06/14 | <u>09/17</u><br>10/17              | 11/17 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Investment Approval                                                                                         | : January’2008.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Sanctioning Authority                                                                                       | : BRBCL board accorded investment approval                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Orig.Est. cost                                                                                              | : Rs 535251 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Latest.Est. Cost                                                                                            | : Rs 799800 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Exp. During2007-08                                                                                          | : Rs 26319 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | 2008-09                                                                                                     | : Rs 6837 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | 2009-10                                                                                                     | : Rs 19617 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | 2010-11                                                                                                     | : Rs 22680 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | 2011-12                                                                                                     | : Rs 48713 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | 2012-13                                                                                                     | : Rs109668 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | 2013-14                                                                                                     | : Rs130068 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | 2014-15                                                                                                     | : Rs 90604 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | 2015-16                                                                                                     | : Rs 92777 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | 2016-17                                                                                                     | : Rs 37059 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Total Expenditure(Up to Sep’16)                                                                             | : Rs 584342 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Type of fuel                                                                                                | : Coal ( Pachra and South Pachra blocks of North Karanpura Coalfields)                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Fuel linkage                                                                                                | : 5 MTPA (FSA signed on 29.08.13)                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Date of Main Plant Order (BTG)                                                                              | : 23.01.2008 on M/s BHEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Zero Date Power Evacuation                                                                                  | : 01/01/2008<br>: ATS work completed and is in charged condition.                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Critical Areas                                                                                              | Unit-2:SG Supplies, Poor mobilization by M/s ERA (main plant civil agency); Unit-3:Boiler erection, Land availability for ESP;Unit-4:Structural material to be expedited, Land availability for ESP;<br>Land acquisition issues ( out of 1522.50 acres, 1462.44 acres is in physical possession) for makeup water corridor, railway siding & critical patches inside plant and ash dyke due to unwillingness of people to accept compensation; Frequent bandhs/Local agitation by villagers. |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | Reasons for Delay                                                                                           | Delay in land acquisition, Civil Works, SG Supplies, Frequent bandhs/Local agitation by villagers                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                     |       |                                    |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| Sl. No.                  | PROJECT DETAILS                                                                                                                                                                                                              | Capacity (MW)                                                                                | Commissioning Schedule |       |                             |       | Broad Status                                                                                                                                   |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------|-------|-----------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------|
|                          |                                                                                                                                                                                                                              |                                                                                              | Original               |       | Actual(A) / As now Expected |       |                                                                                                                                                |
|                          |                                                                                                                                                                                                                              |                                                                                              | Syn. com.              | COD   | Syn. com                    | COD   |                                                                                                                                                |
|                          | Central Sector                                                                                                                                                                                                               |                                                                                              |                        |       |                             |       |                                                                                                                                                |
| 5.                       | New Nabinagar STPP, Dist: Aurangabad, Bihar [NPGCPL- Nabinagar Power Generating Co. Pvt. Ltd. (JV of NTPC & BSPGCL)]                                                                                                         | 1980                                                                                         |                        |       |                             |       | <b>Unit-1:</b><br><b>Boiler:</b> Boiler erection started on 15th Jun’14 (delay: 05 months). Hydro test done in Dec’16. BLU expected in Feb’17. |
|                          | U-1                                                                                                                                                                                                                          | 660                                                                                          | 11/16<br>01/17         | 05/17 | 04/17<br>06/17              | 08/17 | <b>ESP:</b> 7338 MT out of 9253 MT ESP material erected.                                                                                       |
|                          | U-2                                                                                                                                                                                                                          | 660                                                                                          | 05/17<br>07/17         | 11/17 | 10/17<br>12/17              | 02/18 | <b>TG:</b> Condenser erection started in 09/15. TG erection started in <b>Jan’16</b> . TG Box-up expected in Jan’17.                           |
|                          | U-3                                                                                                                                                                                                                          | 660                                                                                          | 11/17<br>01/18         | 05/18 | 04/18<br>06/18              | 08/18 | <b>Unit-2:</b><br><b>Boiler:</b> Boiler erection started on 29 <sup>th</sup> Nov’14. Hydro test expected in Apr’17.                            |
|                          | Investment Approval                                                                                                                                                                                                          | : Jan 2013                                                                                   |                        |       |                             |       |                                                                                                                                                |
|                          | Sanctioning Authority                                                                                                                                                                                                        | : NTPC Board                                                                                 |                        |       |                             |       |                                                                                                                                                |
|                          | Orig. Est. cost                                                                                                                                                                                                              | : Rs 13624.02 Crores                                                                         |                        |       |                             |       |                                                                                                                                                |
|                          | Latest. Est. Cost                                                                                                                                                                                                            | : Rs 15131.67 Crores                                                                         |                        |       |                             |       |                                                                                                                                                |
|                          | Exp. During 2008-09                                                                                                                                                                                                          | :Rs 10 lakhs                                                                                 |                        |       |                             |       |                                                                                                                                                |
|                          | 2009-10                                                                                                                                                                                                                      | :Rs 22290 lakhs                                                                              |                        |       |                             |       |                                                                                                                                                |
|                          | 2010-11                                                                                                                                                                                                                      | :Rs 8300 lakhs                                                                               |                        |       |                             |       |                                                                                                                                                |
|                          | 2011-12                                                                                                                                                                                                                      | :Rs 38392 lakhs                                                                              |                        |       |                             |       |                                                                                                                                                |
|                          | 2012-13                                                                                                                                                                                                                      | :Rs 71117 lakhs                                                                              |                        |       |                             |       |                                                                                                                                                |
|                          | 2013-14                                                                                                                                                                                                                      | :Rs 36991 lakhs                                                                              |                        |       |                             |       |                                                                                                                                                |
|                          | 2014-15                                                                                                                                                                                                                      | :Rs 151000 lakhs                                                                             |                        |       |                             |       |                                                                                                                                                |
| 2015-16                  | :Rs 272144 lakhs                                                                                                                                                                                                             |                                                                                              |                        |       |                             |       |                                                                                                                                                |
| 2016-17                  | :Rs 172456 lakhs                                                                                                                                                                                                             |                                                                                              |                        |       |                             |       |                                                                                                                                                |
| Cum. Exp up to Nov’16    | Rs 772700 lakhs                                                                                                                                                                                                              |                                                                                              |                        |       |                             |       |                                                                                                                                                |
| Type of fuel             | : Coal                                                                                                                                                                                                                       |                                                                                              |                        |       |                             |       |                                                                                                                                                |
| Date of Main Plant Order | TG –M/s ALSTOM-Bharat Forge on 31.03.2013. SG-Awarded to M/s BHEL on 31.01.2013.                                                                                                                                             |                                                                                              |                        |       |                             |       |                                                                                                                                                |
| Zero Date                | : 31.01.2013                                                                                                                                                                                                                 |                                                                                              |                        |       |                             |       |                                                                                                                                                |
| Common Information       | loan from REC. Debt, equity ratio is 70:30. NOC from BSPCB received on 08.04.2011. MOEF clearance received in Dec 2010. Mega status received in Apr’09.<br><br>Boiler erection agency: U-1&3 – Powermech and U-2 is Indwell. |                                                                                              |                        |       |                             |       |                                                                                                                                                |
|                          | Critical Areas                                                                                                                                                                                                               | Land acquisition for MUW corridor ( 11.51 Acres), outfall drainage corridor (19.115 Acres)   |                        |       |                             |       |                                                                                                                                                |
|                          | Reasons for Delay                                                                                                                                                                                                            | Acquisition of land and relocation of homestead owners still living inside the project area. |                        |       |                             |       |                                                                                                                                                |

| Sl. No.                  | PROJECT DETAILS                                       | Capacity (MW)                                                                                                                                                                                                                                                                                                                                                     | Commissioning Schedule |       |                             |                    | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|-----------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                          |                                                       |                                                                                                                                                                                                                                                                                                                                                                   | Original               |       | Actual(A) / As now Expected |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          |                                                       |                                                                                                                                                                                                                                                                                                                                                                   | Syn. com.              | COD   | Syn. com                    | COD                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | Central Sector                                        |                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 6.                       | Kudgi STPP St-I, Dist: Bijapur, Karnataka (NTPC Ltd.) | 2400                                                                                                                                                                                                                                                                                                                                                              |                        |       |                             |                    | <b>Unit-1:</b><br><b>Boiler:</b> Boiler erection started on 04.05.13. Boiler hydro test done in Jan'15. BLU done in Dec'15. SBO completed on 12.06.16.<br><b>ESP:</b> Mechanical works completed. Electrical works in 3/6 passes completed and charged, 5 passes ATT completed.<br><b>TG:</b> Condenser erection started in Feb'14. TG erection started in Jun'14. TG box-up done on 24.04.2015. TG oil flushing started in Jun'15 and completed in Nov'15. TG put on barring gear in Dec'15.<br>*as per review meeting held on 8.7.2016.<br><b>Unit-2:</b><br><b>Boiler:</b> Boiler erection commenced on 20.08.13. Boiler hydro test done in Aug'15. BLU done in Oct'16.SBO completion achieved in Jan'17.<br><br><b>ESP:</b> Mechanical works completed and insulation works are under progress.<br><b>TG:</b> Condenser erection started on 14.11.14.TG erection started in Mar'15. TG box-up done in Nov'16. TG oil flushing done in Nov'16<br><b>Unit-3:</b><br><b>Boiler:</b> Boiler erection started in Sep'13. Boiler Hydro test done in Mar'16. BLU expected in Mar'17.<br><b>ESP:</b> Foundations done for all 6 passes.<br><b>TG:</b> Condenser & TG erection started in Sep'15. TG box-up expected in Jan'17.<br><b>Balance of Plant:</b><br><b>Chimney:</b> Chimney-1 (for unit-1) & Chimney-2 (for unit-2&3): Shell casting works completed.<br><br><b>CHP:</b> The progress of CHP is slow. Only structural work of transfer points, conveyor galleries and crusher house etc. are in progress. Civil works have been started in WT4 & WT5. Erection of mechanical equipment are yet to be started.<br><b>AHP:</b> Order placed on McNally Bharat in Aug'13.<br>Ash Dyke package awarded to M/s Sunil Hitech in Oct'15.<br><b>CW system:</b> Out of total 7 CW pumps, 2 CW pumps have been commissioned- to meet requirement of unit- 1. Another 2 pumps have been installed and their motors are available at site. Pump & motors for last 3 CWPs are available at site and these are yet to be installed.<br><b>IDCTs:</b> Each unit is provided with 2 IDCTs each having 18 cells (9x2 rows). Unit-1- cell construction of both IDCTs completed and mechanical erection is in progress. Unit-2-cell construction of both IDCTs in progress. Unit-3- foundation work under progress for both IDCTs. |
|                          | U-1                                                   | 800                                                                                                                                                                                                                                                                                                                                                               | 09/15<br>12/15         | 04/16 | 12/16<br>12/16              | 12/16 <sup>+</sup> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | U-2                                                   | 800                                                                                                                                                                                                                                                                                                                                                               | 03/16<br>06/16         | 10/16 | 03/17<br>03/17              | 05/17              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | U-3                                                   | 800                                                                                                                                                                                                                                                                                                                                                               | 09/16<br>12/16         | 04/17 | 07/17<br>08/17              | 07/17              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | Investment Approval                                   | :Dec'2011.                                                                                                                                                                                                                                                                                                                                                        |                        |       |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | Sanctioning Authority                                 | : NTPC Board                                                                                                                                                                                                                                                                                                                                                      |                        |       |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | Orig.Est. cost                                        | : Rs 1516619 lakhs                                                                                                                                                                                                                                                                                                                                                |                        |       |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | Latest.Est. Cost                                      | : Rs 1516619 lakhs                                                                                                                                                                                                                                                                                                                                                |                        |       |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | Exp.During 2011-12                                    | :Rs 19200 lakhs                                                                                                                                                                                                                                                                                                                                                   |                        |       |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | Exp.During 2012-13                                    | :Rs 130400 lakhs                                                                                                                                                                                                                                                                                                                                                  |                        |       |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | 2013-14                                               | : Rs 227700 Lakhs.                                                                                                                                                                                                                                                                                                                                                |                        |       |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | 2014-15                                               | : Rs 404700 Lakhs.                                                                                                                                                                                                                                                                                                                                                |                        |       |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | 2015-16                                               | : Rs 280000 Lakhs                                                                                                                                                                                                                                                                                                                                                 |                        |       |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | 2016-17                                               | : Rs 159300 Lakhs                                                                                                                                                                                                                                                                                                                                                 |                        |       |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | Cum Exp(up to Nov'16)                                 | :Rs 1229900 lakhs                                                                                                                                                                                                                                                                                                                                                 |                        |       |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | Type of fuel                                          | : Coal                                                                                                                                                                                                                                                                                                                                                            |                        |       |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Coal block               | Bhalumuda Captive coal block                          |                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Date of Main Plant Order | SG: Feb'12, M/s Doosan Heavy Ind., Korea              |                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Zero Date                | TG: Feb'12 on M/s Toshiba.<br>25.01.2012              |                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | Critical Areas                                        | Land acquisition for Railway siding, ash pipe corridor, raw water reservoir. Poor progress of main plant civil works Readiness of railway siding.                                                                                                                                                                                                                 |                        |       |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                          | Reasons for Delay                                     | Stoppage of work on account of NGT order–work stopped from 17.03.2014 to 01.04.2014. Work stoppage due to agitation against the project (05.07.2014 to 22.07.2014). Delay in award of SG civil works. Delay in TG erection start. Unrest and violent agitation in 07/14 with exodus of manpower.Delay in supply of generator stator of Unit #2 &3 by M/s Toshiba. |                        |       |                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

| Sl. No. | PROJECT DETAILS                                          | Capacity (MW)                                                                                                                                           | Commissioning Schedule |       |                             |       | Broad Status                                                                                                                                                                                                                                     |
|---------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|-----------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                                          |                                                                                                                                                         | Original               |       | Actual(A) / As now Expected |       |                                                                                                                                                                                                                                                  |
|         |                                                          |                                                                                                                                                         | Syn. com.              | COD   | Syn. com                    | COD   |                                                                                                                                                                                                                                                  |
|         | Central Sector                                           |                                                                                                                                                         |                        |       |                             |       |                                                                                                                                                                                                                                                  |
| 7.      | Mouda STPS St-II, Dist: Nagapur, Maharashtra (NTPC Ltd.) | 1320                                                                                                                                                    |                        |       |                             |       | Unit-3:<br>Boiler: Boiler erection started on 12/05/2013.Boiler hydro test done in Nov’15. BLU done on 03/01/2016. SBO completed in 03/16.                                                                                                       |
|         | U-3                                                      | 660                                                                                                                                                     | 01/16<br>03/16         | 05/16 | 03/16<br>03/16              | 10/16 | TG: Condenser erection started in Mar’14 and TG erection started on 30.10.14. (Delay: 05 months). TG box-up done on 19.10.2015. TG oil flushing completed in Feb’16. Synchronization and full load completed on 28.03.16.COD yet to be achieved. |
|         | U-4                                                      | 660                                                                                                                                                     | 07/16<br>09/16         | 11/16 | 02/17<br>03/17              | 03/17 |                                                                                                                                                                                                                                                  |
|         | Investment Approval                                      | : Mar’12.                                                                                                                                               |                        |       |                             |       |                                                                                                                                                                                                                                                  |
|         | Sanctioning Authority                                    | : NTPC Board                                                                                                                                            |                        |       |                             |       |                                                                                                                                                                                                                                                  |
|         | Orig.Est. cost                                           | : Rs 792147 lakhs                                                                                                                                       |                        |       |                             |       |                                                                                                                                                                                                                                                  |
|         | LatestEst. Cost                                          | : Rs 792147 lakhs                                                                                                                                       |                        |       |                             |       |                                                                                                                                                                                                                                                  |
|         | Exp.During 2011-12                                       | :Rs 2700 lakhs                                                                                                                                          |                        |       |                             |       |                                                                                                                                                                                                                                                  |
|         | Exp.During 2012-13                                       | :Rs 86000 lakhs                                                                                                                                         |                        |       |                             |       |                                                                                                                                                                                                                                                  |
|         | 2013-14                                                  | : Rs 147200 Lakhs                                                                                                                                       |                        |       |                             |       |                                                                                                                                                                                                                                                  |
|         | 2014-15                                                  | : Rs 141600 Lakhs                                                                                                                                       |                        |       |                             |       |                                                                                                                                                                                                                                                  |
|         | 2015-16                                                  | : Rs 142900 Lakhs                                                                                                                                       |                        |       |                             |       |                                                                                                                                                                                                                                                  |
|         | 2016-16                                                  | : Rs 62200 Lakhs                                                                                                                                        |                        |       |                             |       |                                                                                                                                                                                                                                                  |
|         | Cum. Exp(up to Nov’16)                                   | :Rs 592400 lakhs                                                                                                                                        |                        |       |                             |       |                                                                                                                                                                                                                                                  |
|         | Type of fuel                                             | : Coal                                                                                                                                                  |                        |       |                             |       |                                                                                                                                                                                                                                                  |
|         | Date of Main Plant Order                                 | SG : 30.03.12 on M/s BHEL<br>TG : 27.04.12 on M/s BHEL                                                                                                  |                        |       |                             |       |                                                                                                                                                                                                                                                  |
|         | Zero Date                                                | 19/03/2012                                                                                                                                              |                        |       |                             |       |                                                                                                                                                                                                                                                  |
|         | Power Evacuation                                         |                                                                                                                                                         |                        |       |                             |       |                                                                                                                                                                                                                                                  |
|         | Critical Areas                                           | Slow progress of CHP works by Elecon, Resource augmentation by IVRCL for main plant civil works.                                                        |                        |       |                             |       |                                                                                                                                                                                                                                                  |
|         | Reasons for Delay                                        | Slow progress of work by main plant civil agency (M/s IVRCL). Delay in supplies & slow progress of steam Generator by BHEL. Delay in TG erection start. |                        |       |                             |       |                                                                                                                                                                                                                                                  |

| Sl. No.                        | PROJECT DETAILS                                      | Capacity (MW)                                                                                                                | Commissioning Schedule |       |                             |       | Broad Status                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|-----------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                |                                                      |                                                                                                                              | Original               |       | Actual(A) / As now Expected |       |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                |                                                      |                                                                                                                              | Syn. com.              | COD   | Syn. com                    | COD   |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                | Central Sector                                       |                                                                                                                              |                        |       |                             |       |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 8.                             | Solapur STPP, Dist: Solapur, Maharashtra (NTPC Ltd.) | 1320                                                                                                                         |                        |       |                             |       | <b>Unit-1:</b><br><b>Boiler:</b> Boiler erection started on 07 <sup>th</sup> May’13. Boiler hydro test done in Dec’15. BLU done on 21.08.16. SBO completion expected in Jan’17. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                | U-1                                                  | 660                                                                                                                          | 03/16<br>05/16         | 07/16 | 02/17<br>03/17              | 06/17 | <b>TG:</b> TG erection started on 04.07.14. TG box-up completed in Jul’15. TG oil flushing completed in Nov’15.                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                | U-2                                                  | 660                                                                                                                          | 09/16<br>11/16         | 01/17 | 06/17<br>08/17              | 10/17 |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                | Investment Approval                                  |                                                                                                                              | : March’12             |       |                             |       |                                                                                                                                                                                 | <b>Unit-2:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                | Sanctioning Authority                                |                                                                                                                              | : NTPC Board           |       |                             |       |                                                                                                                                                                                 | <b>Boiler:</b> Boiler erection started on 29/09/13.Boiler hydro test is expected by Feb’17.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                | Orig.Est. cost                                       |                                                                                                                              | : Rs939518 lakhs       |       |                             |       |                                                                                                                                                                                 | <b>TG:</b> TG erection started on 15 <sup>th</sup> May’15. TG Box-up done in Aug, 16.TG oil flushing completed in Nov’16.<br><b>Balance of Plant:</b><br><b>Chimney:</b> Chimney shell casting completed. Flue can erected for both the units.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                | Latest.Est. Cost                                     |                                                                                                                              | : Rs 939518 lakhs      |       |                             |       |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                | Exp.During 2011-12                                   |                                                                                                                              | :Rs 9500 lakhs         |       |                             |       |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                | Exp.During 2012-13                                   |                                                                                                                              | : Rs 114200 Lakhs      |       |                             |       |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                | 2013-14                                              |                                                                                                                              | : Rs 98300 Lakhs       |       |                             |       |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                | 2014-15                                              |                                                                                                                              | : Rs 212800 Lakhs      |       |                             |       |                                                                                                                                                                                 | <b>CHP:</b> Slow pace of material supply and slow pace of progress at site. Structural works 70% done, balance 30%. Equipment erection 30% done, balance 70%. Crusher structural work under progress and 4 crushers placed and alignment etc. to be done.<br>Out of 4 wagon tipplers, one WT (WT4) erected. WT3- foundation is ready. WT1&2- excavation in progress.<br><br><b>AHP:</b> BAH erected. Gates and clinker grinders etc. to be erected. Ash slurry pump house, Ash water pump house, transport air compressor, vacuum pumps, switchgears buildings are ready but equipment viz. ash water pumps, ash slurry pumps vacuum pumps etc are yet to be installed. For fly ash disposal, 6 nos. HCSD pumps placed in position but yet to be commissioned with pending work as alignment, piping, electrical, C&I etc. AHP package terminated in Jul’15 and balance works re-awarded to M/s Indure in Jul’16.<br><br><b>PT Plant:</b> Order placed on Ion Exchange in Apr’12.<br><br><b>DM Plant:</b> Order placed on Ion Exchange in Mar’12.<br><br><b>CW Pumps:</b> Out of total 5 CW pumps, 3 are fully ready with motor trial run done. Pump trial run to be done after availability of water. Erection of remaining 2 CWP’s under progress.<br><br><b>IDCTs:</b> Each unit is provided with 2 IDCTs. Unit#1: IDCT 1B fully ready. IDCT 1A under completion with fills erected in 6/14 (4 cells per month); fans, motor, gear box erected in 8/14. Unit#2: Civil works under progress in both the IDCTs. |
|                                | 2015-16                                              |                                                                                                                              | : Rs 166800 Lakhs      |       |                             |       |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                | 2016-17                                              |                                                                                                                              | : Rs 85900 Lakhs       |       |                             |       |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Cum Exp(up to Nov’16)          |                                                      | :Rs 709600 Lakhs                                                                                                             |                        |       |                             |       |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Type of fuel                   |                                                      | : Coal                                                                                                                       |                        |       |                             |       |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Date of Main Plant Order (BTG) |                                                      | SG : 06.04.12 on M/s BGR Energy Systems Ltd – Hitachi<br>TG : 23.04.12 on M/s Alstom-Bharat Forge                            |                        |       |                             |       |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Zero date                      |                                                      | 19.03.2012                                                                                                                   |                        |       |                             |       |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Power Evacuation               |                                                      |                                                                                                                              |                        |       |                             |       |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                | Critical Areas                                       | Delay in Laying of Make Up Water Pipe line due to No Right of Use Act in Maharashtra.                                        |                        |       |                             |       |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                |                                                      | Delay in SG supplies by BGR-Hitachi and resource augmentation. Resources augmentation by M/s Indure, for CHP & AHP packages. |                        |       |                             |       |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                | Reasons for Delay                                    | Delay in steam generator Engineering & supply by BGR due to non-settlement of QSGM between BGR and Hitachi.                  |                        |       |                             |       |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

| Sl. No. | PROJECT DETAILS                                                                          | Capacity (MW)                                     | Commissioning Schedule |       |                             |       | Broad Status                                                                                                                                                                                                               |
|---------|------------------------------------------------------------------------------------------|---------------------------------------------------|------------------------|-------|-----------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                                                                          |                                                   | Original               |       | Actual(A) / As now Expected |       |                                                                                                                                                                                                                            |
|         |                                                                                          |                                                   | Syn. com.              | COD   | Syn. com.                   | COD   |                                                                                                                                                                                                                            |
|         | Central Sector                                                                           |                                                   |                        |       |                             |       |                                                                                                                                                                                                                            |
| 9.      | Meja STPP, Dist:Allahabad, U.P.[MUNPL- Meja Urja Nigam Pvt. Ltd. (JV of NTPC & UPRVUNL)] | 1320                                              |                        |       |                             |       | <b>Unit-1:</b><br><b>Boiler:</b> Boiler erection started on 11 <sup>th</sup> Jun’13. Boiler hydro test done on 27.05.16. BLU expected in Jan’17. All mill and bunker foundations completed. 04 nos of RHS bunkers erected. |
|         | U-1                                                                                      | 660                                               | 04/16<br>06/16         | 08/16 | 02/17<br>03/17              | 06/17 | <b>ESP:</b> Foundations and column erection completed.                                                                                                                                                                     |
|         | U-2                                                                                      | 660                                               | 10/16<br>12/16         | 02/17 | 08/17<br>10/17              | 12/17 |                                                                                                                                                                                                                            |
|         | Date of Sanction                                                                         | -                                                 |                        |       |                             |       |                                                                                                                                                                                                                            |
|         | Investment Approval                                                                      |                                                   |                        |       |                             |       |                                                                                                                                                                                                                            |
|         | Sanctioning Authority                                                                    | NTPC Board                                        |                        |       |                             |       |                                                                                                                                                                                                                            |
|         | Orig.Est. cost                                                                           | Rs 1082100 lakhs                                  |                        |       |                             |       |                                                                                                                                                                                                                            |
|         | Latest.Est. Cost                                                                         | Rs 1082100 lakhs                                  |                        |       |                             |       |                                                                                                                                                                                                                            |
|         | Exp.During 2008-09                                                                       | Rs 5401 lakhs                                     |                        |       |                             |       |                                                                                                                                                                                                                            |
|         | 2009-10                                                                                  | Rs 4151 lakhs                                     |                        |       |                             |       |                                                                                                                                                                                                                            |
|         | 2010-11                                                                                  | Rs 6143 lakhs                                     |                        |       |                             |       |                                                                                                                                                                                                                            |
|         | 2011-12                                                                                  | Rs 6542 lakhs                                     |                        |       |                             |       |                                                                                                                                                                                                                            |
|         | 2012-13                                                                                  | Rs 86287 lakhs                                    |                        |       |                             |       |                                                                                                                                                                                                                            |
|         | 2013-14                                                                                  | Rs 56590 lakhs                                    |                        |       |                             |       |                                                                                                                                                                                                                            |
|         | 2014-15                                                                                  | Rs 162420 lakhs                                   |                        |       |                             |       |                                                                                                                                                                                                                            |
|         | 2015-16                                                                                  | Rs 180386 lakhs                                   |                        |       |                             |       |                                                                                                                                                                                                                            |
|         | 2016-17                                                                                  | Rs 71583 lakhs                                    |                        |       |                             |       |                                                                                                                                                                                                                            |
|         | Cumulative Exp. (Up to Oct’2016)                                                         | Rs 579363lakhs                                    |                        |       |                             |       |                                                                                                                                                                                                                            |
|         | Type of fuel                                                                             | Coal                                              |                        |       |                             |       |                                                                                                                                                                                                                            |
|         | Date of Main Plant Order (BTG)                                                           | SG : 30.04.12 on M/s BGR Energy Systems, Chennai. |                        |       |                             |       |                                                                                                                                                                                                                            |
|         | Zero Date                                                                                | TG : 01.05.12 on M/s Toshiba Corporation, Japan.  |                        |       |                             |       |                                                                                                                                                                                                                            |
|         | Common information                                                                       | MOE&F clearance available on 10.01.11.            |                        |       |                             |       |                                                                                                                                                                                                                            |
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| Sl. No.                            | PROJECT DETAILS                                                         | Capacity (MW)                                                                                              | Commissioning Schedule |       |                             |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| 10.                                | Unchahar TPS Extn. St-IV,Dist: Raibareli, U.P. (NTPC Ltd.)              | 500                                                                                                        |                        |       |                             |       | <b>Unit-6:</b><br><b>Boiler:</b> Boiler erection started on 08.06.15. Drum lifting done in Oct’15. Hydro test done on 24.06.16. BLU expected in Jan’17.<br><br><b>TG:</b> TG deck casting completed. Condenser erection started in Jan’16. TG erection started in Feb’16. TG Box-up done in Oct’16. TG oil flushing completion expected in Jan’17.<br><br><b>Balance of Plant:</b><br><br><b>Chimney:</b> Chimney shell casting completed.<br><b>CHP:</b> Order for interconnecting path placed on BTL EPC Ltd in Dec’15. Order for CHP main equipment package to be placed.<br><b>AHP:</b> Order for Mechanical, Civil works placed on Indure, SEW Infra in Mar’15.<br><b>CWPs:</b> Order for CW package placed on Flowmore in Dec’14.<br><b>CTs:</b> Order placed on Paharpur in Nov’14. Excavation works completed.<br>Railway riding: order place on M/s RITES. Work is in 07 packages and all are awarded and in progress. |
|                                    | U-6                                                                     | 500                                                                                                        | 10/16<br>12/16         | 01/17 | 03/17<br>03/17              | 06/17 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                    | Investment Approval                                                     | : Jul 2013                                                                                                 |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                    | Sanctioning Authority                                                   | : NTPC Board                                                                                               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                    | Orig.Est. cost                                                          | : Rs 336312 lakhs                                                                                          |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                    | LatestEst. Cost                                                         | : Rs 336312 lakhs                                                                                          |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                    | Exp.During 2013-14                                                      | :Rs 22600 lakhs                                                                                            |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                    | 2014-15                                                                 | :Rs 28400 lakhs                                                                                            |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                    | 2015-16                                                                 | :Rs 75300 lakhs                                                                                            |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                    | 2016-17                                                                 | :Rs 48900 lakhs                                                                                            |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Cum Exp. (Up to Nov’16)            | :Rs 174700 lakhs                                                        |                                                                                                            |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Type of fuel                       | : Coal                                                                  |                                                                                                            |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Date of Main Plant Order Zero Date | : NBPPL in 08/2013. 05.08.2013                                          |                                                                                                            |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Common information                 | : EPC contract awarded to M/s NBPPL. NBPPL awarded BTG package to BHEL. |                                                                                                            |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                    | Critical Areas                                                          | Award of CHP main equipment package by NBPPL, tapering coal linkage, supply of power cycle piping by BHEL. |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                    | Reasons for Delay                                                       | Delay in award of main plant civil work packages and Balance of Plant                                      |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| Sl. No.                        | PROJECT DETAILS                                                                                                                                                                                                                                                                                         | Capacity (MW)                                                                                                                | Commissioning Schedule |       |                             |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
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|                                |                                                                                                                                                                                                                                                                                                         |                                                                                                                              | Original               |       | Actual(A) / As now Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                |                                                                                                                                                                                                                                                                                                         |                                                                                                                              | Syn. com.              | COD   | Syn. com                    | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                | Central Sector                                                                                                                                                                                                                                                                                          |                                                                                                                              |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| 11.                            | Lara STPP, Dist:Raigarh, Chhattisgarh (NTPC Ltd.)                                                                                                                                                                                                                                                       | 1600                                                                                                                         |                        |       |                             |       | <b>Unit-1:</b><br><b>Boiler:</b> Boiler erection started on 23/12/13. Boiler Hydro test done in Dec'15.BLU expected in Jan'17.<br><b>ESP:</b> 05 out of 06 passes of ESP erection completed.<br><b>TG:</b> Condenser erection started on 29.05.2015 and TG erection started in Aug'15.TG box-up expected in Jan'17. 02 nos of MDBFP's available at site. TDBFP's are not available at site.<br><b>Unit-2:</b><br><b>Boiler:</b> Boiler erection started in Apr'14. Boiler Hydro test done in Apr'16.BLU expected in Apr'17<br><b>ESP:</b> ESP structural erection completed. ESP hoppers erection completed in 3rd pass and hopper erection works are in progress in 4th pass.<br><b>TG:</b> Condenser erection started in Jan'16. TG deck casting started on 26.05.16. TG erection start expected in Jan'17.<br><b>Balance of Plant:</b><br><b>Chimney:</b> Chimney shell casting is completed. Flue cans erection completed.<br><br><b>CHP:</b> There are two nos. of wagon tipplers and one no. of track hopper planned in this project. 01 no. of wagon tippler (WT) is erected. WT-2 erection works are in progress. Stacker-Reclaimer-1&2 (SR-1&2) erection works in progress. All transfer points erection in progress. Erection works of various galleries started. Most of the crusher house structural erection works completed. Track Hopper civil works are in progress. 50% works of hopper and floor casting of track hopper and maintenance platforms on both sides completed.<br><br><b>AHP:</b> Unit-1 Bottom Ash hopper erection works to be completed. Unit-1 fly ash evacuation works to be completed.<br>Unit-2 Bottom ash hopper (BAH-2) foundations to be completed. Ash slurry sump is ready. Ash slurry pumps foundations completed. Ash water storage tank is ready. Ash water pump house building works in progress.<br><br>Silos: HCSD silos (03 nos.) foundation works are in progress. HCSD pump house works in progress.<br><br>Ash dyke: Order placed on M/s K N International in Dec'13. Ash dyke is located around 06 km from the plant. Ash slurry lines works from ash slurry pump house to ash dyke to be completed. Presently ash slurry lines pedestals work started. Excavation and bund raising works are in progress.<br><br><b>PT Plant:</b> All clarifiers are ready. 03 nos. of CW clarifiers are interconnected. Filter house building is ready. Filter bed works are in progress.<br><br><b>DM plant:</b> This package is awarded to M/s Driplex. There are 03 nos. of streams in this plant. Vessels alignment is in progress. 02 nos. of DM water storage tanks are ready.<br><br><b>CWPs:</b> CW pump house is of open type in this project. Floor casting completed. 05 nos. of CW pumps foundations completed. Forebay works completed. CW pumps are to be placed on the foundations. CW discharge side piping erection completed.<br><br><b>IDCT:</b> For each unit there are 02 blocks of IDCTs. Each IDCT is having 09 nos. of cells.<br>CT-1A: All 09 cells fan deck casting completed.<br>CT-1B: 07 out of 09 cells fan deck casting completed. |  |
|                                | U-1                                                                                                                                                                                                                                                                                                     | 800                                                                                                                          | 09/16<br>11/16         | 03/17 | 03/17<br>03/17              | 05/17 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                | U-2                                                                                                                                                                                                                                                                                                     | 800                                                                                                                          | 03/17<br>05/17         | 09/17 | 06/17<br>07/17              | 12/17 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                | Investment Approval                                                                                                                                                                                                                                                                                     | : 07.11.2012                                                                                                                 |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                | Sanctioning Authority                                                                                                                                                                                                                                                                                   | : NTPC Board                                                                                                                 |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                | Orig.Est. cost                                                                                                                                                                                                                                                                                          | : Rs 1184600 lakhs                                                                                                           |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                | Latest.Est. Cost                                                                                                                                                                                                                                                                                        | : Rs 1184600 lakhs                                                                                                           |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                | Exp.During 2011-12                                                                                                                                                                                                                                                                                      | : Rs 28000 Lakhs                                                                                                             |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                | 2012-13                                                                                                                                                                                                                                                                                                 | : Rs 77300 Lakhs                                                                                                             |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                | 2013-14                                                                                                                                                                                                                                                                                                 | : Rs 53500 Lakhs.                                                                                                            |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                | 2014-15                                                                                                                                                                                                                                                                                                 | : Rs 214700 Lakhs.                                                                                                           |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                | 2015-16                                                                                                                                                                                                                                                                                                 | : Rs 238300 Lakhs                                                                                                            |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                | 2016-17                                                                                                                                                                                                                                                                                                 | : Rs 103500 Lakhs                                                                                                            |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Cum Exp(up to Nov'17)          | :Rs 717800akhs                                                                                                                                                                                                                                                                                          |                                                                                                                              |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Type of fuel                   | : Coal                                                                                                                                                                                                                                                                                                  |                                                                                                                              |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Fuel linkage                   |                                                                                                                                                                                                                                                                                                         |                                                                                                                              |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Date of Main Plant Order (BTG) | SG- M/s Doosan, in Dec'12                                                                                                                                                                                                                                                                               |                                                                                                                              |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Zero Date                      | TG - M/s BGR Hitachi in Dec'12                                                                                                                                                                                                                                                                          |                                                                                                                              |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Power Evacuation               | 13.12.2012                                                                                                                                                                                                                                                                                              |                                                                                                                              |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                | There are two nos. of D/c type evacuation lines from Lara switchyard, each line is capable of evacuating around 1000 MW. One line is going to Champa and the other going to Kotra. Tower erection, stringing of one line near to the plant is completed and for the other line stringing is to be done. |                                                                                                                              |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                | Critical Areas                                                                                                                                                                                                                                                                                          | Balance land acquisition for MGR route, MuW pump house and Ash dyke, supply of GT's at site, supply of BFP discharge piping. |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                                | Reasons for Delay                                                                                                                                                                                                                                                                                       | Slow progress of TG side civil works, Delay in supplies of generator transformer                                             |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |

| Sl. No. | PROJECT DETAILS                                                    | Capacity (MW)                                                                                                                                                                                         | Commissioning Schedule |       |                             |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|-----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                                                    |                                                                                                                                                                                                       | Original               |       | Actual(A) / As now Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         |                                                                    |                                                                                                                                                                                                       | Syn. com.              | COD   | Syn. com                    | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | Central Sector                                                     |                                                                                                                                                                                                       |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 12.     | Gadarwara STPP, St-I, Dist: Narsinghpur Madhya Pradesh (NTPC Ltd.) | 1600                                                                                                                                                                                                  |                        |       |                             |       | Unit-1:<br>Boiler: Boiler erection started in June’14. Foundation of 8/9 mills completed. Mill F, G J erection is in progress. HT done in Dec’16.<br>ESP: All six pass erection completed and emitters erection is in progress. Hopper erection completed. Duct erection from ESP to chimney is in progress.<br>TG: Condenser started in Dec 15. TG erection started in Apr’16. TG box-up expected in Mar’17.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|         | U-1                                                                | 800                                                                                                                                                                                                   | 12/16<br>03/17         | 07/17 | 05/17<br>06/17              | 08/17 | Unit-2:<br>Boiler: Boiler erection started in 30 <sup>th</sup> Nov’14. All ceiling girder erection completed. Pressure part erection in progress. HT expected in Feb’17.<br>ESP: Pass A, B & C erection completed and foundation work of D, E & F passes completed.<br>TG: TG erection expected to start by Feb’17.<br><br>Balance of Plant:<br><br>Chimney: Chimney shell completed upto 269m. Flue canes fabrication is in progress, Flue canes last 5 <sup>th</sup> segment lifted on 11.10.16.<br><br>CHP: WT#1 & 2 final wall lift at (-7) mtr level slab in progress. Foundation of Crusher house completed. TP’s foundation work is in progress. TP’s structural material yet to received.<br><br>AHP: Silos piling work completed. HCSD pump foundation completed. AWPB pillar concreting completed & pump foundation work yet to start. Sump civil work completed.<br><br>PT/DM: DM storage tank #1 & 2 erection completed water leak test done. DM vessel erection is in progress. Clarifloculator A & C raft completed, ring wall civil work is in progress. Civil work of Chemical house, Gravity filter is in progress. UF and RO tank erection completed.<br><br>CWPs: CWPB volute form work & operating floor casting completed. CW pipe laying completed.<br><br>IDCTs:<br>CT-1: Fan deck level achieved for 08 nos. of cells and balance is in progress.<br>CT-2: RCC works in wall, columns and fan deck level in progress.<br><br>Switch Yard: 132KV tower erection completed and equipment erection is in progress. 765KV tower erection u/p. |
|         | U-2                                                                | 800                                                                                                                                                                                                   | 06/17<br>09/17         | 01/18 | 11/17<br>12/17              | 02/18 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | Investment Approval                                                | : 22.02.2013                                                                                                                                                                                          |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | Sanctioning Authority                                              | : NTPC Board                                                                                                                                                                                          |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | Orig.Est. cost                                                     | : Rs 1163855 lakhs                                                                                                                                                                                    |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | Latest.Est. Cost                                                   | : Rs 1163855 lakhs.                                                                                                                                                                                   |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | Exp.During 2012-13                                                 | : Rs 65500 Lakhs                                                                                                                                                                                      |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | 2013-14                                                            | : Rs 46300 Lakhs                                                                                                                                                                                      |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | 2014-15                                                            | : Rs 161400 Lakhs                                                                                                                                                                                     |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | 2015-16                                                            | : Rs 274900 Lakhs                                                                                                                                                                                     |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | 2016-17                                                            | : Rs 111100 Lakhs                                                                                                                                                                                     |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | Cum Exp(up to Nov’17)                                              | :Rs 654700 Lakhs                                                                                                                                                                                      |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | Type of fuel                                                       | : Coal                                                                                                                                                                                                |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | Fuel linkage                                                       |                                                                                                                                                                                                       |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | Date of Main Plant Order (BTG)                                     | in 03/2013 M/s BHEL                                                                                                                                                                                   |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | Zero Date                                                          | 22.03.13                                                                                                                                                                                              |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | Common information                                                 | Main Plant order has been placed in March’13. Main plant & offsite civil works order placed in 08/13.                                                                                                 |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | Critical Areas                                                     | ROU for make-up water pipe line, readiness of start up power line (~11km), tapering coal linkage, Readiness of CHP and AHP.                                                                           |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|         | Reasons for Delay                                                  | Work stopped for 56 days in 2014 due to agitation by villagers demanding additional compensation for already acquired land. Land acquisition for railway line corridor. RoU for MuW pipeline laying., |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

| Sl. No.                  | PROJECT DETAILS                                                         | Capacity (MW)                         | Commissioning Schedule |       |                             |       | Broad Status                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------|-------------------------------------------------------------------------|---------------------------------------|------------------------|-------|-----------------------------|-------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                          |                                                                         |                                       | Original               |       | Actual(A) / As now Expected |       |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          |                                                                         |                                       | Syn. (com.)            | COD   | Syn. (com)                  | COD   |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          | Central Sector                                                          |                                       |                        |       |                             |       |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 13.                      | Darlipalli STPPSt-I, Dist. Sundergarh, Odisha (NTPC Ltd.)               | 1600                                  |                        |       |                             |       | <b>Unit-1:</b><br><b>Boiler:</b> Boiler erection started in 04/15. HT expected in Apr’17.                    |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          | Unit-1                                                                  | 800                                   | 12/17<br>02/18         | 04/18 | 12/17<br>02/18              | 04/18 | <b>TG:</b> Condenser erection started in Dec’15. TG erection started in Apr’16.TG box-up expected in May’17. |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          | Unit-2                                                                  | 800                                   | 04/18<br>06/18         | 08/18 | 06/18<br>08/18              | 10/18 | <b>Unit-2:</b><br><b>Boiler:</b> Boiler erection started in 07/15. HT expected in Apr’17.                    |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          | Investment. approval                                                    |                                       |                        |       |                             |       |                                                                                                              | <b>TG:</b> Condenser erection started in Sep’16. TG erection expected to start in Feb’17.                                                                                                                                                                                                                                                                                                                                                     |
|                          | Orig.Est. cost                                                          | Rs 1253244 lakhs                      |                        |       |                             |       |                                                                                                              | <b>Balance of Plant:</b><br><br><b>Chimney:</b> raft completed.<br><br><b>CHP:</b> Order placed on Tata projects in Feb’15.<br><br><b>AHP:</b> Order placed on Indure in Oct’14.<br><br><b>PT/DM Plant:</b> Order for water treatment plant placed on Triveni Engineering in Feb’15.<br><br><b>CWPs:</b> Order for CW equipment placed on Kirloskar Brothers Ltd in Oct’14.<br><br><b>Cooling Towers:</b> Order placed on L&T, ECC in Dec’14. |
|                          | Latest.Est. Cost                                                        | Rs 1253244 lakhs.                     |                        |       |                             |       |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          |                                                                         |                                       |                        |       |                             |       |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          | Exp. During 2013-14                                                     | :Rs.95100 lakhs                       |                        |       |                             |       |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          | 2014-15                                                                 | :Rs145700 lakhs                       |                        |       |                             |       |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          | 2015-16                                                                 | :Rs141700 lakhs                       |                        |       |                             |       |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          | 2016-17                                                                 | :Rs 137000 lakhs                      |                        |       |                             |       |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          | Cumulative Exp (up to Nov’16)                                           | :Rs.447300 lakhs                      |                        |       |                             |       |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          | MOEF clearance                                                          |                                       |                        |       |                             |       |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Type of fuel             | : Coal                                                                  |                                       |                        |       |                             |       |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Date of Main Plant Order | SG. awarded in 02/14 on M/s BHEL.<br>TG awarded in 02/14 on M/s Toshiba |                                       |                        |       |                             |       |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          | Critical Areas                                                          | RoU for maker up water line corridor. |                        |       |                             |       |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                          | Reasons for Delay                                                       | ---                                   |                        |       |                             |       |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                               |

| Sl. No. | PROJECT DETAILS                                          | Capacity (MW)                                                                                                                                                                                        | Commissioning Schedule                                                                                                                                                                                                                         |       |                              |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|---------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|         |                                                          |                                                                                                                                                                                                      | Original                                                                                                                                                                                                                                       |       | Actual(A) / As now Expected  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|         |                                                          |                                                                                                                                                                                                      | Syn. com.                                                                                                                                                                                                                                      | COD   | Syn. com                     | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|         | Central Sector                                           |                                                                                                                                                                                                      |                                                                                                                                                                                                                                                |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| 14.     | North Karanpura STPP, Dist.Chatra, Jharkhand (NTPC ltd.) | 1980                                                                                                                                                                                                 |                                                                                                                                                                                                                                                |       |                              |       | <b>Unit-1:</b><br><b>Boiler:</b> Boiler erection started in Apr’16. Hydro test expected in Jan’18.<br><br><b>TG:</b> Condenser erection start expected in May’17. TG erection start expected in July’17.<br><br><b>Unit-2:</b><br><b>Boiler:</b> Boiler erection started in 07/16.<br><br><b>TG:</b> Condenser erection started in 11/16. TG erection start expected in Jan’18.<br><br><b>Unit-3:</b><br><b>Boiler:</b> Boiler erection started in 09/16.<br><br><b>TG:</b> Condenser erection start expected in May’18. TG erection start expected in May18. |  |
|         | Unit-1                                                   | 660                                                                                                                                                                                                  | <u>12/17</u><br><u>02/18</u><br><u>02/19*</u><br><u>02/19*</u>                                                                                                                                                                                 | 04/19 | <u>02/19</u><br><u>02/19</u> | 04/19 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|         | Unit-2                                                   | 660                                                                                                                                                                                                  | <u>06/18</u><br><u>08/18</u><br><u>08/19*</u><br><u>08/19*</u>                                                                                                                                                                                 | 10/19 | <u>08/19</u><br><u>08/19</u> | 10/19 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|         | Unit-3                                                   | 660                                                                                                                                                                                                  | <u>12/18</u><br><u>02/19</u><br><u>02/20*</u><br><u>02/20*</u>                                                                                                                                                                                 | 04/20 | <u>02/20</u><br><u>02/20</u> | 04/20 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|         |                                                          |                                                                                                                                                                                                      | * Revised Schedule.                                                                                                                                                                                                                            |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|         | Investment. approval                                     |                                                                                                                                                                                                      | Feb 2014                                                                                                                                                                                                                                       |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|         | Org Est. approved cost                                   |                                                                                                                                                                                                      | : Rs 1436700 Lakhs                                                                                                                                                                                                                             |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|         | Latest Cost                                              |                                                                                                                                                                                                      | : Rs 1436700Lakhs                                                                                                                                                                                                                              |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|         | Exp. During                                              |                                                                                                                                                                                                      | 2013-14 : Rs.153000 lakhs<br>2014-15 : Rs. 52500 lakhs<br>2015-16 : Rs 57300 lakhs<br>2016-17 : Rs 93900 lakhs                                                                                                                                 |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|         | Cumulative Exp (up to Nov’16)                            |                                                                                                                                                                                                      | : Rs. 361300 lakhs                                                                                                                                                                                                                             |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|         | Type of fuel                                             |                                                                                                                                                                                                      | : Coal                                                                                                                                                                                                                                         |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|         | Date of Main Plant Order                                 |                                                                                                                                                                                                      | Feb’14                                                                                                                                                                                                                                         |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|         |                                                          | Common information                                                                                                                                                                                   | EPC placed on BHEL (except external CHP, MUW system and Ash dyke) in Feb’14. Main plant civil works awarded on BHEL/Sunil Hitech. Amendment to EC issued by MOEF on 31.10.2014 for use of Air Cooled Condenser system (one ACC for each unit). |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|         | Critical Areas                                           | Balance land acquisition (45.72 Acres), Award of ACC package, water system package, Switchyard transmission system by BHEL.                                                                          |                                                                                                                                                                                                                                                |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|         | Reasons for Delay                                        | Delay in start of Civil works due to land acquisition issues. Delay in BHEL supplies related to boiler foundation. Delay in land handover by NTPC to BHEL due to change in main plant area location. |                                                                                                                                                                                                                                                |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |

| Sl. No.            | PROJECT DETAILS                                                          | Capacity (MW)                        | Commissioning Schedule |       |                             |       | Broad Status                                                                                      |                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------|--------------------------------------------------------------------------|--------------------------------------|------------------------|-------|-----------------------------|-------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    |                                                                          |                                      | Original               |       | Actual(A) / As now Expected |       |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                               |
|                    |                                                                          |                                      | <u>Syn. com.</u>       | COD   | <u>Syn. com</u>             | COD   |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                               |
|                    | Central Sector                                                           |                                      |                        |       |                             |       |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                               |
| 15.                | Tanda-II STPP, Dist. Ambedkar Nagar, U.P. (NTPC Ltd.)                    | 1320                                 |                        |       |                             |       | <b>Unit-1:</b><br><b>Boiler:</b> Boiler erection started in 12/15. Hydro test expected in May’17. |                                                                                                                                                                                                                                                                                                                                                                               |
|                    | Unit-1                                                                   | 660                                  | 07/18<br>09/18         | 11/18 | 07/18<br>09/18              | 11/18 | <b>TG:</b> Condenser erection start expected in 02/17. TG erection start expected in 01/17.       |                                                                                                                                                                                                                                                                                                                                                                               |
|                    | Unit-2                                                                   | 660                                  | 01/19<br>03/19         | 05/19 | 01/19<br>03/19              | 05/19 | <b>Unit-2:</b><br><b>Boiler:</b> Boiler erection started in Oct’16. Hydro test expected in Nov’17 |                                                                                                                                                                                                                                                                                                                                                                               |
|                    | Investment. approval                                                     | Sep 2014                             |                        |       |                             |       |                                                                                                   | <b>TG:</b> TG erection start expected in 07/17.                                                                                                                                                                                                                                                                                                                               |
|                    | Orig.Est. cost                                                           | : Rs 918898 lakhs                    |                        |       |                             |       |                                                                                                   | <b>Balance of Plant:</b><br><br><b>Chimney:</b> Order placed on GDCL in Feb’15.<br><br><b>CHP:</b> Order placed on L&T in Dec’15.<br><br><b>AHP:</b> Order placed on L&T in Mar’16.<br><br><b>DM Plant:</b> Order placed on Driplex in Aug’15.<br><br><b>CWPs:</b> Order for CW system equipment placed on KBL in Jun’15.<br><br><b>NDCTs:</b> Order placed on L&T in Oct’15. |
|                    | Latest.Est. Cost                                                         | : Rs 918898 lakhs.                   |                        |       |                             |       |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                               |
|                    | Exp. During 2013-14                                                      | : Rs 28000 lakhs                     |                        |       |                             |       |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                               |
|                    | 2014-15                                                                  | : Rs.29800 lakhs                     |                        |       |                             |       |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                               |
|                    | 2015-16                                                                  | : Rs 64900 lakhs                     |                        |       |                             |       |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                               |
|                    | 2016-17                                                                  | : Rs 70800 lakhs                     |                        |       |                             |       |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                               |
|                    | Cumulative Exp(up to Nov’16)                                             | : Rs.195700 lakhs                    |                        |       |                             |       |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                               |
|                    | Type of fuel                                                             | : Coal                               |                        |       |                             |       |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                               |
|                    | Date of Main Plant Order                                                 | Boiler: L&T<br>TG: Alstom in Sep’14. |                        |       |                             |       |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                               |
| Common information | SG & TG awarded in Sep’14. MP civil works awarded to M/s GDCL in Feb’15. |                                      |                        |       |                             |       |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                               |
| Critical Areas     | Ordering of Ash dyke, tapering coal linkage, main plant civil works      |                                      |                        |       |                             |       |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                               |
| Reasons for Delay  | ---                                                                      |                                      |                        |       |                             |       |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                               |

| Sl. No. | PROJECT DETAILS                                | Capacity (MW)                                                                                                                                                                                                                                                                      | Commissioning Schedule |       |                             |       | Broad Status                                                                                      |
|---------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|-----------------------------|-------|---------------------------------------------------------------------------------------------------|
|         |                                                |                                                                                                                                                                                                                                                                                    | Original               |       | Actual(A) / As now Expected |       |                                                                                                   |
|         |                                                |                                                                                                                                                                                                                                                                                    | Syn. (com.)            | COD   | Syn. (com)                  | COD   |                                                                                                   |
|         | Central Sector                                 |                                                                                                                                                                                                                                                                                    |                        |       |                             |       |                                                                                                   |
| 16.     | Khargone STPP, Dist.Khargone, M.P. (NTPC Ltd.) | 1320                                                                                                                                                                                                                                                                               |                        |       |                             |       | <b>Unit-1:</b><br><b>Boiler:</b> Boiler erection started in 04/16. Hydro test expected in Mar’18. |
|         | Unit-1                                         | 660                                                                                                                                                                                                                                                                                | 01/19<br>03/19         | 07/19 | 01/19<br>03/19              | 07/19 | <b>TG:</b> Condenser erection start expected in 07/17. TG erection start expected in 08/17.       |
|         | Unit-2                                         | 660                                                                                                                                                                                                                                                                                | 07/19<br>09/19         | 01/20 | 07/19<br>09/19              | 01/20 |                                                                                                   |
|         | Orig.Est. cost                                 | Rs987051lakhs                                                                                                                                                                                                                                                                      |                        |       |                             |       |                                                                                                   |
|         | Latest.Est. Cost                               | Rs lakhs                                                                                                                                                                                                                                                                           |                        |       |                             |       |                                                                                                   |
|         | Exp. During 2014-15                            | : Rs. 63400 lakhs                                                                                                                                                                                                                                                                  |                        |       |                             |       |                                                                                                   |
|         | 2015-16                                        | : Rs. 90200 lakhs                                                                                                                                                                                                                                                                  |                        |       |                             |       |                                                                                                   |
|         | 2016-17                                        | : Rs. 43000 lakhs                                                                                                                                                                                                                                                                  |                        |       |                             |       |                                                                                                   |
|         | Cumulative Exp (up to Nov’16)                  | : Rs. 198200 lakhs                                                                                                                                                                                                                                                                 |                        |       |                             |       |                                                                                                   |
|         | MOEF clearance                                 |                                                                                                                                                                                                                                                                                    |                        |       |                             |       |                                                                                                   |
|         | Type of fuel                                   | : Coal                                                                                                                                                                                                                                                                             |                        |       |                             |       |                                                                                                   |
|         | Date of Main Plant Order                       | EPC On L&T on 31.03.2015                                                                                                                                                                                                                                                           |                        |       |                             |       |                                                                                                   |
|         | Zero date                                      | 31.03.2015                                                                                                                                                                                                                                                                         |                        |       |                             |       |                                                                                                   |
|         | Critical Areas                                 | Acquisition of land for Railway siding                                                                                                                                                                                                                                             |                        |       |                             |       |                                                                                                   |
|         | Reasons for Delay                              | ---                                                                                                                                                                                                                                                                                |                        |       |                             |       |                                                                                                   |
|         |                                                | <b>Unit-2:</b><br><b>Boiler:</b> Boiler erection to start in 03/17.<br><br><b>TG:</b> Condenser erection start expected in 01/18. TG erection start expected in 02/18.<br><br><b>BoPs:</b><br><br><b>Ash Dyke package:</b> Order placed on R K Transport & Construction in Dec’15. |                        |       |                             |       |                                                                                                   |

| Sl. No.        | PROJECT DETAILS                                                        | Capacity (MW)                                                                                     | Commissioning Schedule |     |                             |     | Broad Status                                                                                                                                                                                                                                                                                                                                                        |
|----------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------|-----|-----------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                |                                                                        |                                                                                                   | Original               |     | Actual(A) / As now Expected |     |                                                                                                                                                                                                                                                                                                                                                                     |
|                |                                                                        |                                                                                                   | Syn. com.              | COD | Syn. com                    | COD |                                                                                                                                                                                                                                                                                                                                                                     |
|                | Central Sector                                                         |                                                                                                   |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                     |
| 17.            | Telangana TPP (Ph-I),<br>Dist. Karim Nagar<br>Telangana<br>(NTPC Ltd.) | 1600                                                                                              |                        |     |                             |     | <b>Unit-1:</b><br><br>Boiler: Boiler erection start expected in Mar'17.<br><br><b>TG:</b> Condenser erection start expected in Apr'18. TG erection start expected in May'18.<br><br><b>Unit-2:</b><br><b>Boiler:</b> Boiler erection start expected in Sep'17.<br><br><b>TG:</b> Condenser erection start expected in Oct'18. TG erection start expected in Nov'18. |
|                | Unit-1                                                                 | 800                                                                                               | 10/19<br>01/20         |     | 11/19<br>01/20              |     |                                                                                                                                                                                                                                                                                                                                                                     |
|                | Unit-2                                                                 | 800                                                                                               | 05/20<br>07/20         |     | 05/20<br>07/20              |     |                                                                                                                                                                                                                                                                                                                                                                     |
|                | Orig.Est. cost                                                         | Rs lakhs                                                                                          |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                     |
|                | Latest.Est. Cost                                                       | Rs lakhs                                                                                          |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                     |
|                | Exp. During 2015-16                                                    | :Rs. 600 lakhs                                                                                    |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                     |
|                | 2016-17                                                                | :Rs 52200 lakhs                                                                                   |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                     |
|                | Cumulative Exp (up to Nov'16)                                          | : Rs.52900 lakhs                                                                                  |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                     |
|                | MOEF clearance                                                         |                                                                                                   |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                     |
|                | Type of fuel                                                           |                                                                                                   |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                     |
|                | Date of Main Plant:                                                    | SG on BHEL                                                                                        |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                     |
|                | Order:                                                                 | TG on Alstom-Bharatforge on 05.02.16.                                                             |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                     |
|                | Zero date                                                              | 31.03.2015                                                                                        |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                     |
|                | Common information                                                     | Order for steam generator placed on BHEL. Order for TG placed on Alstom-Bharat forge on 05.02.16. |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                     |
| Critical Areas |                                                                        |                                                                                                   |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                     |
|                | Reasons for Delay                                                      | ---                                                                                               |                        |     |                             |     |                                                                                                                                                                                                                                                                                                                                                                     |

**BROAD STATUS OF MONARCHAK GAS BASED POWER PROJECT OF NEEPCO  
(CENTRAL SECTOR PROJECT)**

| Sl. No. | PROJECT DETAILS                                                                 | Cap (MW)   | Commissioning Schedule                                              |     |                                  |                            | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Reasons for Delay                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------|---------------------------------------------------------------------------------|------------|---------------------------------------------------------------------|-----|----------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                                                                 |            | Original                                                            |     | Actual(A) / As of now Expected   |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         |                                                                                 |            | Syn. comm                                                           | COD | Syn. comm                        | COD                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| I       | COMMISSIONED PROJECTS                                                           |            |                                                                     |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1.      | <b>Monarchak</b><br>Tripura Gas based Power Project<br>NEEPCO<br><b>Tripura</b> | <b>101</b> | 05/13                                                               |     | 08/15                            |                            | <ul style="list-style-type: none"><li>• PPA signed with TSECL on 19.03.2008.</li><li>• MOE&amp;F clearance obtained on 14.02.2008.</li><li>• SPCB clearance obtained on 18.10.2001</li><li>• Gas supply agreement with ONGC signed on 5.6.2008</li><li>• Availability of water from Gomti river received vide letter dated 4.8.2007.</li><li>• 194.94 acres of land for main plant certified by GoT vide lr dt.16.7.2007.</li></ul> <b>GTG</b> <ul style="list-style-type: none"><li>• Gas supply made available at site on 04.02.15. Gas booster compressor commissioned on 16.02.15.</li><li>• <b>GT synchronized on 11.03.15, achieved full load on 30.03.15 and declared commercial on 24.12.2015, i.e. (COD).</b></li></ul> <b>STG</b> <ul style="list-style-type: none"><li>• TG put on barring gear on 12.6.15.</li><li>• ABO of HRSG completed on 30.8.15.</li><li>• Steam blowing completed on 10<sup>th</sup> Oct 2015.</li><li>• <b>Steam Turbine Synchronization and achieved Full load on 14.01.16.</b></li></ul> | Heavy Monsoon:<br>Delay in award of civil work and supply of material by BHEL.<br>Delay in readiness of gas gathering station and supply pipeline.<br>Delay in supply of balance material and completion of balance BoP works by BHEL/. NBPPL.<br>Completion of gas pipe line erection work and supply of clean gas for the project by ONGC.<br>Readiness of DM plant.<br>Supply & erection of metering equipments by ONGC.<br><b>Current critical issue.</b><br>Availability of gas. |
|         | GT                                                                              | 65.42      | 03/13                                                               |     | <u>3/15(A)</u><br><u>3/15(A)</u> | <u>12/15</u><br><u>(A)</u> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | ST                                                                              | 35.58      | 07/13                                                               |     | <u>1/16(A)</u><br><u>1/16(A)</u> | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Date of PIB Clearance                                                           |            | :23.07.2010 (Zero date)                                             |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Date of CCEA Clearance                                                          |            | :23.02.2011                                                         |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Org. Est. cost                                                                  |            | :Rs. 62344 lakhs                                                    |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Latest cost                                                                     |            | : Rs.100757 lakhs                                                   |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Exp. During 2010-11                                                             |            | : Rs. 4834 lakhs                                                    |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Exp. During 2011-12                                                             |            | : Rs. 15806 lakhs                                                   |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Exp. During 2012-13                                                             |            | : Rs. 29615 lakhs                                                   |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Exp. During 2013-14                                                             |            | : Rs. 22886 lakhs                                                   |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Exp. During 2014-15 Exp.                                                        |            | : Rs. 13681 lakhs                                                   |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | During 2015-16 Exp.                                                             |            | : Rs. 11730 lakhs                                                   |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | During 2016-17 Comm. Exp.                                                       |            | : Rs. 806 lakhs (7/16)                                              |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Exp.                                                                            |            | : Rs. 99358 lakhs (7/16)                                            |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Financial closure                                                               |            | : N/A                                                               |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Type of fuel                                                                    |            | : Natural Gas (0.5 MMSCUMD)                                         |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Fuel Source                                                                     |            | :From ONGC basin through pipeline                                   |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Date of Main Plant Order                                                        |            | :LOI on 23.07.2010 on M/s BHEL (EPC)                                |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Zero date of the project                                                        |            | : 23.07.2010                                                        |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         | Power Evacuation                                                                |            | : Agreement signed with TSECL on 18.09.2008 for setting up the ATS. |     |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

**BROAD STATUS OF AGARTALA GAS BASED POWER PROJECT OF NEEPCO  
(CENTRAL SECTOR PROJECT)**

| (CENTRAL SECTOR PROJECT) |                                                 |                                                                                          |                          |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
|--------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------|-----|-----------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Sl. No.                  | PROJECT DETAILS                                 | Cap (MW)                                                                                 | Commissioning Schedule   |     |                             |         | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Critical Areas                                                                                   |
|                          |                                                 |                                                                                          | Original                 |     | Actual(A) / As now Expected |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
|                          |                                                 |                                                                                          | Syn. comm                | COD | Syn. comm                   | COD     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
| II                       | PROJECT UNDER CONSTRUCTION                      |                                                                                          |                          |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
| 1.                       | Agartala Gas based Power Project NEEPCO Tripura | 51                                                                                       |                          |     |                             |         | <ul style="list-style-type: none"><li>• PPA signed with all beneficiaries is concluded.</li><li>• MOE&amp;F clearance obtained on 08.09.10.</li><li>• SPCB clearance obtained on 21.12.10</li><li>• Civil aviation clearance obtained on 01.02.11.</li><li>• Water availability: letter dated 16.09.10.</li><li>• Water treatment plant commissioned on 25.1.14.</li><li>• Transformer and switchyard commissioned on 1.7.14.</li><li>◆ <b>ST-1</b> synchronized with <b>HRSG-1</b> in <b>March'15</b> and <b>commissioned on 23.08.15. Unit declared commissioned on 01.09.15.</b></li><li>◆ <b>ST-2</b> synchronized on <b>10.02.15</b> &amp; <b>re-synchronized on 17.02.15</b> and <b>commissioned on 22.03.15. Unit declared commissioned on 29.07.15.</b></li></ul> | Delay in readiness of civil fronts due to heavy rains. Delay in supply and erection of material. |
|                          | ST-1                                            | 25.5                                                                                     | 05/13                    |     | 3/15(A)<br>8/15(A)          | 9/15(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
|                          | ST-2                                            | 25.5                                                                                     | NA                       |     | 2/15(A)<br>3/15(A)          | 7/15(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
|                          | Date of PIB Clearance                           |                                                                                          | :23.07.2010              |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
|                          | Date of CCEA Clearance                          |                                                                                          | :23.02.2011              |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
|                          | Org. Est. cost                                  |                                                                                          | : Rs. 29687 lakhs        |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
|                          | Latest cost                                     |                                                                                          | : Rs. 38241 lakhs        |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
|                          | Comm. Exp. up to 03/2010                        |                                                                                          | :                        |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
|                          | Exp. During 2012-13                             |                                                                                          | : Rs. 2211 lakhs         |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
|                          | Exp. During 2013-14                             |                                                                                          | : Rs. 15166 lakhs        |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
|                          | Exp. During 2014-15                             |                                                                                          | : Rs. 13319 lakhs        |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
|                          | Exp. During 2015-16 (07/15)                     |                                                                                          | : Rs. 989 lakhs          |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
|                          | Comm. Exp. Up to (07/15)                        |                                                                                          | : Rs. 31685 lakhs        |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
|                          | Financial closure                               |                                                                                          | : N/A                    |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
|                          | Type of fuel                                    |                                                                                          | : Natural Gas(base fuel) |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
| Fuel Source              |                                                 | : Not required for CC extension project                                                  |                          |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
| Date of Main Plant Order |                                                 | : LOI on 12.09.2012 on M/s Thermax (EPC)                                                 |                          |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
| Zero date of the project |                                                 | : 12.09.2012                                                                             |                          |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |
| Power Evacuation         |                                                 | : As per existing system i.e 132 kV RC Nagar- Agartala line I & II and RC Nagar-Kumarhat |                          |     |                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |

## BROAD STATUS NEYVELI LIGNITE CORPORATION PROJECTS

| Sl. No.           | Project Details                                                                                                                                                                                                                                                                                                                                                                     | Unit No.                                                                                                                                                                                                                                                                                                                                                                                             | Capacity (MW)                                                                                                                                  | Commissioning Schedule |       |                        |          | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   |                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                | Original               |       | Actual(A)/ As Expected |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   |                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                | Syn. Comm              | COD   | Syn. Comm              | COD      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| State Sector      |                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1                 | Tuticorin TPP<br>Joint Venture of TNEB and NLC (NTPL)<br>Distt. Tuticorin, TN.                                                                                                                                                                                                                                                                                                      | 1                                                                                                                                                                                                                                                                                                                                                                                                    | 500                                                                                                                                            | 01/12                  | 04/12 | 18/02/15(A)            | 18/06/15 | Unit-1<br>• <b>Boiler:</b> erection started on 03/11/10. Drum lifted on 29/09/11. <b>HT:</b> conducted on 09/10/13. <b>BLU:</b> completed on <b>19/03/14</b> . EDTA completed on 10/04/14. SBO completed on 19/06/14.<br>• <b>ESP:</b> Complete in all respect.<br>• <b>TG:</b> Condenser erection started on 10/07/12. TG erection started on 29/09/12 & boxed up on <b>23/10/13</b> . TG put on BG on 20/07/14. Steam dumping started on 14/02/15. Unit <b>synchronized on 18/02/15. Full load achieved on 10/03/15. COD declared w.e.f. 18/06/15.</b><br>Unit-2<br>• <b>Boiler:</b> erection started on 15/12/10. Drum lifted on 22/09/11. <b>HT</b> conducted on 09/11/12. PA/FD/ID fans erection completed. <b>BLU:</b> Boiler light up completed on <b>23/09/14</b> . SBO completed on <b>26/02/15</b> .<br>• <b>ESP:</b> Complete in all respect.<br>• <b>TG:</b> Condenser erection started on 21/01/13 and that of TG erection started on 29/04/13. TG boxed up on <b>11/04/14</b> . TG oil flushing is completed on <b>05/12/14</b> . Safety valve floating done in 06/2015. Unit synchronized on 09/04/15. Full load achieved in 09/07/15. <b>COD declared w.e.f. 29/08/2015.</b> |
|                   | Original Estd. Cost                                                                                                                                                                                                                                                                                                                                                                 | :Rs                                                                                                                                                                                                                                                                                                                                                                                                  | 490954 lakh (NLC:TNEB::89:11)                                                                                                                  |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Latest Estd. Cost                                                                                                                                                                                                                                                                                                                                                                   | Rs                                                                                                                                                                                                                                                                                                                                                                                                   | 660270 Lakh                                                                                                                                    |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Latest Estd. Cost (approved vide MoP Ir dated 27/04/2016)                                                                                                                                                                                                                                                                                                                           | Rs.                                                                                                                                                                                                                                                                                                                                                                                                  | 7293.48Crores including IDC Rs. 1379.15 & a foreign component of US \$ 18.10 Mand Euro .40 M at 06/2015 price level ( US\$=63.81 & Euro=71.61) |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Expenditure during 2007-08                                                                                                                                                                                                                                                                                                                                                          | Rs                                                                                                                                                                                                                                                                                                                                                                                                   | 827 Lakh                                                                                                                                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Expenditure during 2008-09                                                                                                                                                                                                                                                                                                                                                          | Rs                                                                                                                                                                                                                                                                                                                                                                                                   | 21527 Lakh                                                                                                                                     |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Expenditure during 2009-10                                                                                                                                                                                                                                                                                                                                                          | Rs                                                                                                                                                                                                                                                                                                                                                                                                   | 50153 Lakh                                                                                                                                     |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Expenditure during 2010-11                                                                                                                                                                                                                                                                                                                                                          | Rs                                                                                                                                                                                                                                                                                                                                                                                                   | 88476 Lakh                                                                                                                                     |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Expenditure during 2011-12                                                                                                                                                                                                                                                                                                                                                          | Rs                                                                                                                                                                                                                                                                                                                                                                                                   | 115835 Lakh                                                                                                                                    |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Expenditure during 2012-13                                                                                                                                                                                                                                                                                                                                                          | Rs.                                                                                                                                                                                                                                                                                                                                                                                                  | 136002 Lakh                                                                                                                                    |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Expenditure during 2013-14                                                                                                                                                                                                                                                                                                                                                          | Rs.                                                                                                                                                                                                                                                                                                                                                                                                  | 106333 Lakh                                                                                                                                    |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Expenditure during 2014-15                                                                                                                                                                                                                                                                                                                                                          | Rs.                                                                                                                                                                                                                                                                                                                                                                                                  | 92406 Lakh                                                                                                                                     |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Expenditure during 2015-16                                                                                                                                                                                                                                                                                                                                                          | Rs.                                                                                                                                                                                                                                                                                                                                                                                                  | 31074 Lakh                                                                                                                                     |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Total Expenditure (up to 08/15)                                                                                                                                                                                                                                                                                                                                                     | Rs                                                                                                                                                                                                                                                                                                                                                                                                   | 6426.31 Crores                                                                                                                                 |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Approval date:                                                                                                                                                                                                                                                                                                                                                                      | :                                                                                                                                                                                                                                                                                                                                                                                                    | 12/05/2008.                                                                                                                                    |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Zero date:                                                                                                                                                                                                                                                                                                                                                                          | :                                                                                                                                                                                                                                                                                                                                                                                                    | 28/01/2009                                                                                                                                     |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Financial closure                                                                                                                                                                                                                                                                                                                                                                   | :                                                                                                                                                                                                                                                                                                                                                                                                    | Tied up with BOB & BOI                                                                                                                         |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Main Plant Order                                                                                                                                                                                                                                                                                                                                                                    | :                                                                                                                                                                                                                                                                                                                                                                                                    | 28/01/2009 (BTG) on M/s BHEL.                                                                                                                  |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | BOP Package                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Type of fuel                                                                                                                                                                                                                                                                                                                                                                        | :                                                                                                                                                                                                                                                                                                                                                                                                    | COAL                                                                                                                                           |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | PPA                                                                                                                                                                                                                                                                                                                                                                                 | :                                                                                                                                                                                                                                                                                                                                                                                                    | PPA signed with TNEB, DISCOM of Andhra Pradesh, ESCOMs of Karnataka, PED Puducherry and KSEB.                                                  |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Power Evacuation system                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | <ul style="list-style-type: none"><li>102.265 hectares of Land is available on long term basis.</li><li>Sea water after treatment (11000 Cu M /hr).</li><li>MOE&amp;F: clearance accorded on 13/06/2007 and extended validity up to 12/06/17 vide letter dated 11/01/2013.</li><li>M/s MECON appointed consultant for the project.</li><li>Funding is arranged from RECL.</li></ul> |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Reasons for Delay |                                                                                                                                                                                                                                                                                                                                                                                     | <ul style="list-style-type: none"><li>1. Placement of order for firefighting equipment and inlet &amp; outlet channels &amp; structure of CW System delayed.</li><li>2. Delayed due to change in design of foundations (depth) of main plant area and finalization of civil contractors.</li><li>3. Availability of soft water is delayed due to non-completion of erection of HDPE pipes.</li></ul> |                                                                                                                                                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

| Sl. No.           | Project Details                                                                  | Unit No.                                                                                                                                                 | Capacity (MW)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|-------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                                                                  |                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   |                                                                                  |                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Syn. Comm              | COD   | Syn. Comm              | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| State Sector      |                                                                                  |                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| 2                 | Neyveli New TPP<br>M/s Neyveli Lignite Corporation Ltd. at Neyveli in Tamil Nadu | 1                                                                                                                                                        | 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 05/15                  | 06/15 | 12/17                  | 03/18 | <ul style="list-style-type: none"><li>• <b>Boiler</b> (M/s BHEL) U-1 Erection commenced on 07/03/16 &amp; MSS erection completed on 28/11/16. Boiler ceiling girder erection completed on 28/11/16, pressure parts pre-assembly works are in progress. HT expected by 09/17. ESP, Duck and ID fans erection work in progress.</li><li>• <b>TG &amp; Condenser:</b> TG deck work &amp; one no. EOT crane work completed. TG erection started on 24/03/16 &amp; Condenser pre assembly started on 22/02/16. Generator stator received at site on 25/06/16. 4474/7834 MT powerhouse structural erection completed till 12/16.</li><li>• <b>Boiler U-2</b> Erection commenced on 28/03/16 &amp; MSS tier 5B erection is in progress. HT expected by 10/17. ESP, Duck and ID fans erection work in progress.</li><li>• <b>TG &amp; Condenser:</b> TG deck completed on 13/01/16 &amp; one no. EOT crane work completed. Condenser pre assembly commenced on 10/03/16. 5780/7125 MT powerhouse structural work completed till 12/16.</li><li>• <b>Chimney:</b> Shell concreting up to 269 mtrs completed. Flue can fabrication is in progress. Flue can structure erection work started on 22/06/16 and Flue can erection started on 18/11/16.</li><li>• <b>LHP:</b> (M/ EPIL) Stacker and reclaimers: Excavation, PCC &amp; RCC foundation work completed and erection work are in progress. Pre-casting of boundary wall pole; panel &amp; fabrication of fencing pole is in progress. Conveyors junction tower structure erection started.</li><li>• <b>AHP-</b> Order was placed by M/s EPIL to M/s Meacawber Beekay on 02/02/15. Civil works are in progress. Silo work commenced on 04/11/15. Equipment supply is in progress. Erection work under ESP is in progress.</li><li>• <b>RO/DM plant:</b> Awarded to M/s EPIL on 30/04/14. Civil works are in progress. Equipment supply is in progress.</li><li>• <b>CW System:</b> Awarded to M/s EPIL on 30/04/14 and further to M/s KBL on 20/01/15. CW pipes erection 1061/1546 RM (for both units) work completed. CWPB and CW channel civil work are in progress.</li><li>• <b>Cooling tower:</b> Civil work are in progress. U1 - 115463 M³/20380 M³ RCC work &amp; U2 -14139 M³ / 21510 M³ RCC work completed until 12/16.</li><li>• <b>FO System:</b> Awarded to M/s BHEL on 31/10/13, civil work completed. Erecting HFO tank 1 &amp; 2 are nearing completion and LDO tank 1 &amp; 2 erection completed. Supply of 3 nos. HFO pumps received at site and LDO pumps are under dispatch.</li><li>• <b>Switchyard:</b> Awarded to M/s EPIL on 30/04/14. Civil works are in progress both in 200 Kv GIS and 400 Kv GIS halls.</li></ul> |  |
|                   |                                                                                  | 2                                                                                                                                                        | 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 06/15                  | 12/15 | 04/18                  | 06/18 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Original Estd. Cost                                                              |                                                                                                                                                          | : Rs. 590711 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Latest Est. Cost                                                                 |                                                                                                                                                          | : Rs. 590711 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Expenditure during 2011-12                                                       |                                                                                                                                                          | : Rs. 1447.15 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Expenditure during 2012-13                                                       |                                                                                                                                                          | : Rs. 1353.19 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Expenditure during 2013-14                                                       |                                                                                                                                                          | : Rs. 31114.26 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Expenditure during 2014-15                                                       |                                                                                                                                                          | : Rs. 44560.23 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Expenditure during 2015-16                                                       |                                                                                                                                                          | : Rs. 102862.06 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Expenditure during 2016-17                                                       |                                                                                                                                                          | : Rs. 123507.01 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Total Expenditure (up to 12/16)                                                  |                                                                                                                                                          | : Rs. 3191.19 Crores                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Approval date:                                                                   |                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Zero date:                                                                       |                                                                                                                                                          | : 09/06/11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Financial closure                                                                |                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Main Plant Order                                                                 |                                                                                                                                                          | : Main Plant Order (EPC) issued to M/s BHEL on for SG & Auxiliaries on 31/10/13 and TG & Auxiliaries on 23/12/13.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | BOP Package                                                                      |                                                                                                                                                          | : Awarded to M/s EPIL on 30/04/2014.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Type of fuel                                                                     |                                                                                                                                                          | : Lignite                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | PPA                                                                              |                                                                                                                                                          | :PPA signed for 25 years with AP- 52.46 MW, Telangana – 61.31 MW, Karnataka 70.54 MW, Kerala 32.38 MW, Tamil Nadu 653.07 MW, Puducherry 4.24 MW, NLC – 66.00MW and Un allocated power – 60.00MW.                                                                                                                                                                                                                                                                                                                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Power Evacuation system                                                          |                                                                                                                                                          | : For power evacuation and drawing of start-up power,400kVand 220kV switchyard would be provided. Each of the 500 MW units would be connected to the 400kV switchyard. The power generated at the plant would be evacuated through a 400kV system. Start-up power would be drawn from the 220kV switchyard.<br>The generator transformers of 500MW units would step up generator voltages to the switchyard voltage of 400Kv.One and Half Breaker scheme is proposed for 400kV and 220kV switchyard. These schemes are reliable and provide flexibility in operation. |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   |                                                                                  |                                                                                                                                                          | <ul style="list-style-type: none"><li>• <b>Coal Linkage/FSA:</b> Lignite from the NLC Mine 1 &amp; 1A.</li><li>• <b>Land possession:</b> 160 Hectares Owned by NLC</li><li>• <b>Water allocation:</b> Existing TS 1 lake and erstwhile Fertilizer lake of NLC Ltd.,</li><li>• <b>MOE&amp;F:</b> Clearances obtained on 21/10/2010 and extended up to 20/10/2017</li><li>• <b>CPCB:</b> Clearances obtained and valid up to 31/03/2018.</li><li>• <b>Civil Aviation:</b> clearance obtained on 25/11/09</li></ul>                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Critical issues   |                                                                                  | Supply of boiler structural material & its erection work.                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Reasons for Delay |                                                                                  | Finalisation of Engineering & design by BHEL and subsequent delay in civil and mechanical erection work slow progress due to skilled man power shortage. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |

| Sl. No.                                                                                                                                                                                                                                                                                                                                               | PROJECT DETAILS                                                                                                                                                          | Capacity<br>(MW)                                                                                                                                                          | Commissioning Schedule |       |                                  |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|----------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                          |                                                                                                                                                                           | Original               |       | Actual (A) / As now Anticipated. |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                          |                                                                                                                                                                           | Syn.                   | Com.  | Syn.                             | Com.  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 3                                                                                                                                                                                                                                                                                                                                                     | Ghatampur TPP<br>JV of NLC & UPRVUNL<br>(Lahurimau village,Ghatampur, Kanpur)                                                                                            | 1980                                                                                                                                                                      |                        |       |                                  |       | <ul style="list-style-type: none"><li>Order for Gen. Auxiliaries(1) placed on L&amp;T MHPS Boilers Pvt. Ltd. on 02.08.16</li><li>Order for Gen. Auxiliaries(2) placed on M/s. Alstom Bharat Forge Power Ltd.on 02.08.16</li><li>GA 3 (BOP) – LOA will be issued to M/s. BGR Energy after approval of Board</li><li>&amp; GA4 (FGD) - Tendering process under progress.</li><li>Ministry of Coal has allocated Pachwara South Coal Block(PSCB) which is having coal reserve of 305MT in the state of Jharkhand to NUPPL. But, the agencies engaged for exploratory drilling works, DGPS survey work etc. have discontinued their work due to Law &amp; Order problem. The process of engaging Mine Development Operators(MDO) for the entire Mine development is under process.</li><li>Commissioning of units I,II &amp; III expected after 52,58 &amp; 64 months from the date of GOI sanction,i.e, 27.7.2016 respectively.</li></ul> |
|                                                                                                                                                                                                                                                                                                                                                       | Unit-1                                                                                                                                                                   | 660                                                                                                                                                                       | 10/20                  | 11/20 | 10/20                            | 11/20 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                       | Unit-2                                                                                                                                                                   | 660                                                                                                                                                                       | 04/21                  | 05/21 | 04/21                            | 05/21 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                       | Unit-3                                                                                                                                                                   | 660                                                                                                                                                                       | 08/21                  | 09/21 | 08/21                            | 09/21 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                       | Date of clearance by the board of NUPPL                                                                                                                                  | : 15.10.2016                                                                                                                                                              |                        |       |                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                       | Original/revised/Latest Est. Cost                                                                                                                                        | : Rs.1723780 lakhs                                                                                                                                                        |                        |       |                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                       | Date of Financial Closure                                                                                                                                                | : Tender floated for getting Loan. Not completed                                                                                                                          |                        |       |                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                       | Exp. Incurred up to 12/16                                                                                                                                                | :Rs.77489 Lakhs                                                                                                                                                           |                        |       |                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                          |                                                                                                                                                                           |                        |       |                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                       | Cumulative Expd. (up to 12/16)                                                                                                                                           | : Rs. 77489 Lakhs                                                                                                                                                         |                        |       |                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                          |                                                                                                                                                                           |                        |       |                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                       | Type of fuel                                                                                                                                                             | : Coal                                                                                                                                                                    |                        |       |                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                       | Date of Main Plant Order/BoPs                                                                                                                                            | : Order for Gen. Auxiliaries (1) placed on MHPS Boilers Pvt. Ltd. on 02.08.16<br>Order for Gen. Auxiliaries (2) placed on M/s. Alstom Bharat Forge Power Ltd. on 02.08.16 |                        |       |                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                       | Zero date                                                                                                                                                                | :                                                                                                                                                                         |                        |       |                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                       | Land                                                                                                                                                                     | : Entire Land of 828 Hectares has been acquired and taken physical possession on 27.11.2016 .                                                                             |                        |       |                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                       | PPA                                                                                                                                                                      | : Signed with UP Govt. on 31.12..2010                                                                                                                                     |                        |       |                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                       | MoEF Clearance                                                                                                                                                           | :.MoEF issued Environmental clearance to NUPPL on 17.06.2015                                                                                                              |                        |       |                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Fuel Linkage                                                                                                                                                                                                                                                                                                                                          | : Govt. of India allocated Pachwara South Coal Block, Jharkhand to NUPPL for fuel. But due to Law & Order problem, MoU signed with MSTC for imported Coal on 04.02.2015. |                                                                                                                                                                           |                        |       |                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Associated Transmission System                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                          |                                                                                                                                                                           |                        |       |                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <ul style="list-style-type: none"><li><b>Land:</b> Entire Land of 828 Hectares has been acquired and taken physical possession on 27.11.2016 .</li><li><b>MOEF clearance:</b> MoEF issued Environmental clearance to NUPPL on 17.06.2015</li><li><b>Water:</b> Water Allocation from Govt. of UP for 80 on 03.12.11 from Upper Ganga Canal.</li></ul> |                                                                                                                                                                          |                                                                                                                                                                           |                        |       |                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Critical Areas                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                          |                                                                                                                                                                           |                        |       |                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

# STATE & PRIVATE SECTOR

# NORTHERN REGION

## BROAD STATUS OF THERMAL POWER PROJECTS IN PUNJAB

| Sl. No.           | Project Details                          | Unit                                                                                                                                                                                                     | Capacity (MW)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Commissioning Schedule |       |                        |              | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|-------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                          |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Original               |       | Actual(A)/ As Expected |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   |                                          |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Synch/ Comm            | COD   | Synch/ Comm            | COD          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Private Sector    |                                          |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Talwandi SABO.TPP                        | 1                                                                                                                                                                                                        | 660                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 09/12<br>10/12         | 11/12 | 12/13(A)<br>06/14(A)   | 07/14<br>(A) | <b>Unit-1:-</b><br>Boiler erection started on 10.01.2011. Boiler Hydro test done on 21/ 01/2013. Boiler light up done on 22.11.2013. SBO completed on 30.11.2013. TG erection started on 16.08.2012. TG boxed up on 24.03.2013. TG oil flushing completed on 10.11.2013. TG put on bearing gear on 15.11.2013. Unit synchronized on 31.12.2013. Unit commissioned on 17.06.2014. <b>Unit declared on commercial operation w.e.f. 5/07/2014.</b><br><br><b>Unit- 2:-</b><br>Boiler Hydro test done on 11.03.2014. Boiler light up completed on 26/ 11/2014. SBO completed on 30/11/14. TG erection started on 15/ 03/13. TG boxed up on 30/05/2014. TG oil flushing completed on 24/10/14. TG put on BG on 29/10/14. Synchronized on 25.01.15. <b>Full load achieved on 30.10.15. COD achieved on 25.11.15.</b><br><br><b>Unit-3:-</b><br>Boiler Hydro test done on 28/ 05 / 2014. Boiler insulation work completed. BLU completed in 02/16. SBO completed in 03/16. TG erection started on 08.04.13. TG boxed up on 30/ 05/2014. TG oil flushing completed on 20.12.14. TG put on Barring gear on 24.01.15 <b>Synchronization achieved on 29.03.16. Full load achieved on 29.03.16. COD achieved on 25.08.2016</b><br><br><b>BoPs:</b> <ul style="list-style-type: none"><li>All the BoPs were completed as per schedule.</li></ul> |  |
|                   | Talwandhi Sabo Power Ltd. (Distt: MANSA) | 2                                                                                                                                                                                                        | 660                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 02/12<br>01/13         | 02/13 | 01/15(A)<br>10/15(A)   | 12/15<br>(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   |                                          | 3                                                                                                                                                                                                        | 660                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 04/13<br>05/13         | 06/13 | 03/16(A)<br>03/16(A)   | 05/16        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Original Estd. Cost                      |                                                                                                                                                                                                          | : Rs.908900 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Latest Est. Cost                         |                                                                                                                                                                                                          | : Rs.1154600 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Expenditure during 2009-10               |                                                                                                                                                                                                          | :Rs. 101287 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Expenditure during 2010-11               |                                                                                                                                                                                                          | : Rs. 64523 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Expenditure during 2011-12               |                                                                                                                                                                                                          | :Rs. 255071 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Expenditure during 2012-13               |                                                                                                                                                                                                          | :Rs. 193107 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Expenditure during 2013-14               |                                                                                                                                                                                                          | :Rs. 198488 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Expenditure during 2014-15               |                                                                                                                                                                                                          | :Rs.121333 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Total Expenditure (Upto 03/15)           |                                                                                                                                                                                                          | :Rs 933800 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Approval date:                           |                                                                                                                                                                                                          | : 09/2006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Zero date:                               |                                                                                                                                                                                                          | : 09.09.2009                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Notice To Proceed (NTP)                  |                                                                                                                                                                                                          | :09.09.2009                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Financial closure                        |                                                                                                                                                                                                          | : 27.11.2009. Entire funding by holding Co.<br>: Funding arrangement made.<br>:Debt: 75%, Equity:25%                                                                                                                                                                                                                                                                                                                                                                                      |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Main Plant Order                         |                                                                                                                                                                                                          | : 18.07.2009 (EPC) BTG+BOP on M/s SEPCO Electric Power Construction Corpn, Jinan, Shandon, China.                                                                                                                                                                                                                                                                                                                                                                                         |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Boiler Make Turbine & Generator Make     |                                                                                                                                                                                                          | : Harbin<br>: Dong Fang.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | BOP Package                              |                                                                                                                                                                                                          | : EPC contract                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Type of fuel                             |                                                                                                                                                                                                          | : Coal grade E/F                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | PPA                                      |                                                                                                                                                                                                          | : PSEB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Source and supply of Fuel                |                                                                                                                                                                                                          | : M/s Mahanadi coal-fields ltd. Sambalpur have already issued LOA to TSPL on 14.08.2008 for 7.72 MTPA coal linkage - grade E/F from Basundra coal -fields for 1800 MW. Request for the enhancement of coal made for 10 MTPA for 1980 MW.                                                                                                                                                                                                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Power Evacuation system                  |                                                                                                                                                                                                          | The system will be provided by erstwhile PSEB (PSPCL). Investment for transmission system is the responsibility or PSPCL<br>Following 400 KV, DC Twin-moose lines approved for evacuation of power ordered for execution by M/s PGCIL. Work completed.<br><br>a)400 KV Talwandi Sabo to 400 KV Nakodar with LILO of one ckt at 400 KVA PGCIL moga<br>b) 400 KV Talwandi Sabo to 400 KV Nakodar with LILO of one ckt at 400 KVA PGCIL Mukatsar.<br>c) 400 KV Talwandi Sabo to 400 KV Dhuri |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | •                                        |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Critical issues   |                                          | • Enhancement of coal linkage from 7.72 MTPA (for 1800 MW) to 10 MTPA (For 1980 MW) from MoC.<br><br>• Allotment of dedicate coal block for coal linkage as nearest Coal mine is more than 1500 km away. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Reasons for Delay |                                          | Coal availability/ materialization & schedule from PSPCL.                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |

| Sl. No.                                                                                                        | Project Details                                                     | Unit                                                                                                                                                                                                                                                                                                      | Capacity (MW)                                       | Commissioning Schedule |       |                        |              | Broad Status                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------------------|-------|------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                |                                                                     |                                                                                                                                                                                                                                                                                                           |                                                     | Original               |       | Actual(A)/ As Expected |              |                                                                                                                                                                                                             |
|                                                                                                                |                                                                     |                                                                                                                                                                                                                                                                                                           |                                                     | Synch/ Comm            | COD   | Synch/ Comm            | COD          |                                                                                                                                                                                                             |
| Private Sector                                                                                                 |                                                                     |                                                                                                                                                                                                                                                                                                           |                                                     |                        |       |                        |              |                                                                                                                                                                                                             |
|                                                                                                                | RAJPURA TPP<br>M/s Nabha Power Development Ltd.<br>(Distt: Patiala) | 1                                                                                                                                                                                                                                                                                                         | 700                                                 | 10/13<br>01/14         | 01/14 | 12/13(A)<br>01/14(A)   | 02/14<br>(A) | <b>Unit-1:-</b><br>Boiler erection started on 14.07.2011. Unit synchronized on 15.12.2013. Unit commissioned i:e achieved full load on 24.01.2014. <b>Unit declared on COD wef. 01.02.2014 at 0000 Hrs.</b> |
|                                                                                                                |                                                                     | 2                                                                                                                                                                                                                                                                                                         | 700                                                 | 12/13<br>03/14         | 03/14 | 06/14(A)<br>07/14(A)   | 07/14<br>(A) |                                                                                                                                                                                                             |
|                                                                                                                | Original Estd. Cost                                                 |                                                                                                                                                                                                                                                                                                           | : Rs. 960000 Lakhs                                  |                        |       |                        |              |                                                                                                                                                                                                             |
|                                                                                                                | Latest Est. Cost                                                    |                                                                                                                                                                                                                                                                                                           | : Rs. 960000 Lakhs                                  |                        |       |                        |              |                                                                                                                                                                                                             |
|                                                                                                                | Expenditure during 2009-10                                          |                                                                                                                                                                                                                                                                                                           | :Rs. 69800 Lakhs                                    |                        |       |                        |              |                                                                                                                                                                                                             |
|                                                                                                                | Expenditure during 2010-11                                          |                                                                                                                                                                                                                                                                                                           | :Rs. 90000 Lakhs                                    |                        |       |                        |              |                                                                                                                                                                                                             |
|                                                                                                                | Expenditure during 2011-12                                          |                                                                                                                                                                                                                                                                                                           | :Rs.106800 Lakhs                                    |                        |       |                        |              |                                                                                                                                                                                                             |
|                                                                                                                | Expenditure during 2012-13                                          |                                                                                                                                                                                                                                                                                                           | :Rs.333800 Lakhs                                    |                        |       |                        |              |                                                                                                                                                                                                             |
|                                                                                                                | Expenditure during 2013-14                                          |                                                                                                                                                                                                                                                                                                           | :Rs 212200 Lakhs                                    |                        |       |                        |              |                                                                                                                                                                                                             |
|                                                                                                                | Expenditure during 2014-15                                          |                                                                                                                                                                                                                                                                                                           | :Rs 4000 Lakhs                                      |                        |       |                        |              |                                                                                                                                                                                                             |
|                                                                                                                | Total Expenditure (Upto 05/14)                                      |                                                                                                                                                                                                                                                                                                           | :Rs 816600 Lakhs                                    |                        |       |                        |              |                                                                                                                                                                                                             |
|                                                                                                                | Approval date:                                                      |                                                                                                                                                                                                                                                                                                           | : 09/2006                                           |                        |       |                        |              |                                                                                                                                                                                                             |
|                                                                                                                | Zero date:                                                          |                                                                                                                                                                                                                                                                                                           | : 18.01.2010                                        |                        |       |                        |              |                                                                                                                                                                                                             |
|                                                                                                                | Notice To Proceed (NTP)                                             |                                                                                                                                                                                                                                                                                                           | :18.01.10                                           |                        |       |                        |              |                                                                                                                                                                                                             |
|                                                                                                                | Financial closure                                                   |                                                                                                                                                                                                                                                                                                           | : Achieved and signed loan agreement on 27.09.2010. |                        |       |                        |              |                                                                                                                                                                                                             |
|                                                                                                                | Main Plant Order                                                    |                                                                                                                                                                                                                                                                                                           | : 16.07.2010 (EPC) on M/s Larson & Tubro (L&T)      |                        |       |                        |              |                                                                                                                                                                                                             |
|                                                                                                                | BTG Make                                                            |                                                                                                                                                                                                                                                                                                           | : L&T                                               |                        |       |                        |              |                                                                                                                                                                                                             |
|                                                                                                                | BOP Package                                                         |                                                                                                                                                                                                                                                                                                           | : EPC L&T                                           |                        |       |                        |              |                                                                                                                                                                                                             |
|                                                                                                                | Type of fuel                                                        |                                                                                                                                                                                                                                                                                                           | : Coal Grade ‘F’                                    |                        |       |                        |              |                                                                                                                                                                                                             |
|                                                                                                                | PPA                                                                 |                                                                                                                                                                                                                                                                                                           | PPA signed with PSEB on 18.01.2010 for 25 years.    |                        |       |                        |              |                                                                                                                                                                                                             |
| Source and supply of Fuel                                                                                      |                                                                     | : Received on 11.12.2008 for 5.55MTPA of Grade ‘F’ coal from south eastern coalfields limited (SECL) from Korba Raigarh fields for 2x660 MW. Request for 2.21MTPA additional coal made to MOC, GOI on 25.05.2010 for 2x700MW.                                                                             |                                                     |                        |       |                        |              |                                                                                                                                                                                                             |
| Power Evacuation system                                                                                        |                                                                     | Two double circuit 400 KV Transmission lines have been planned to the following proposed sub stations<br>(i) Rajpura 400KV Sub Station.<br>(ii) Nakodar 400KV Sub Station.<br>(iii) Dhuri 400KV Sub Station.<br><br>Award issued by Punjab State Transmission Corporation Limited (PSTCL). Work completed |                                                     |                        |       |                        |              |                                                                                                                                                                                                             |
| • 1078.16 acres of Land acquired for the main plant. 18.4 acres of land for railway corridor is under process. |                                                                     |                                                                                                                                                                                                                                                                                                           |                                                     |                        |       |                        |              |                                                                                                                                                                                                             |
| Critical issues                                                                                                |                                                                     | MoC approval of additional coal of enhanced capacity.                                                                                                                                                                                                                                                     |                                                     |                        |       |                        |              |                                                                                                                                                                                                             |
| Reasons for Delay                                                                                              |                                                                     | Non-availability of Coal.                                                                                                                                                                                                                                                                                 |                                                     |                        |       |                        |              |                                                                                                                                                                                                             |

| Sl. No.           | Project Details                                              | Unit                                                                                                                                                                      | Capacity (MW)                                                                                                                                                                                                                                                                        | Commissioning Schedule |       |                        |              | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|-------------------|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                                              |                                                                                                                                                                           |                                                                                                                                                                                                                                                                                      | Original               |       | Actual(A)/ As Expected |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   |                                                              |                                                                                                                                                                           |                                                                                                                                                                                                                                                                                      | Synch/ Comm            | COD   | Synch/ Comm            | COD          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Private Sector    |                                                              |                                                                                                                                                                           |                                                                                                                                                                                                                                                                                      |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Goindwal Sahib TPP<br>GVK Power Ltd.<br>(Distt. : Tarntaran) | 1                                                                                                                                                                         | 270                                                                                                                                                                                                                                                                                  | 11/12<br>04/13         | 05/13 | 07/13(A)<br>02/16(A)   | 03/16<br>(A) | <b>Unit-1:-</b><br>Boiler erection started on 06.09.2010. Boiler drum lifted on 08.03.2011. Boiler hydro test completed on 10.04.2012. Boiler light up done on 19/ 01/2013. SBO completed on 23.03.2013. TG erection started on 18.08.2011. TG boxed up on 31/10/ 2012. TG oil flushing completed on 04/01/2013. <b>Unit Synchronized on oil on 06/ 07/2013. Boiler re-lighted up for commissioning on 22.01.16.</b> Coal bunkering done on 23.01.16. Coal firing achieved on 24.01.16. Re-synchronization achieved on 26.01.16.. <b>Full load achieved on 14.02.16. COD achieved on 01.04.16.</b><br><br><b>Unit- 2:-</b><br>Boiler erection started on 19.11.2010. Boiler Drum lifted on 24.07.2011. Boiler hydro test completed on 26.09.2012. BLU done on 25/ 09/2013. SBO started on 19.12.2013 and completed on 31.12.2013. TG erection started on 31.05.2012. TG boxed up on 03/10/2013. TG oil flushing started on 01/10/2013 and completed on 28.11.2013. <b>Unit Synchronized on oil on 04/ 03/2014. Full load achieved on 15.03.16. COD achieved on 14.04.16.</b><br><br><b>BoPs:</b> <ul style="list-style-type: none"><li>• <b>Chimney:</b> 275 mtr height shell casting done. Flue canesy completed. Already commissioned.</li><li>• <b>CHP:</b> (PUNJ LLOYD); Wagon Tippler 1&amp;2 erection completed. Stacker reclaimers slewing and traveling completed. Belt laying completed. CHP completed in all respect.</li><li>• <b>AHP:</b> Already commissioned.</li><li>• <b>Raw Water Supply System: Completed</b></li><li>• <b>PT/ DM Plant:</b> PT plant ready. DM Plant commissioned on 19.09.2012.</li><li>• <b>CW System:</b> Commissioned.</li><li>• <b>IDCT: Both</b> IDCT commissioned.</li><li>• <b>FOPH:</b> Work completed.</li><li>• <b>Switchyard:</b> Completed in all respects.</li></ul> |  |
|                   |                                                              | 2                                                                                                                                                                         | 270                                                                                                                                                                                                                                                                                  | 05/13<br>10/13         | 11/13 | 03/14(A)<br>03/16(A)   | 04/16<br>(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Original Estd. Cost                                          |                                                                                                                                                                           | : Rs. 296381 Lakhs                                                                                                                                                                                                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Latest Est. Cost                                             |                                                                                                                                                                           | : Rs. 296381 Lakhs                                                                                                                                                                                                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Expenditure during 2010-11                                   |                                                                                                                                                                           | :Rs. 94860 Lakhs                                                                                                                                                                                                                                                                     |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Expenditure during 2011-12                                   |                                                                                                                                                                           | :Rs100725 Lakhs                                                                                                                                                                                                                                                                      |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Expenditure during 2012-13                                   |                                                                                                                                                                           | :Rs 77166 Lakhs                                                                                                                                                                                                                                                                      |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Expenditure during 2013-14                                   |                                                                                                                                                                           | :Rs 65749 Lakhs                                                                                                                                                                                                                                                                      |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Expenditure during 2014-15                                   |                                                                                                                                                                           | :Rs 28000 Lakhs (upto 09/14)                                                                                                                                                                                                                                                         |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Total Expenditure                                            |                                                                                                                                                                           | :Rs366500 Lakhs (upto 09/14)                                                                                                                                                                                                                                                         |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Approval date:                                               |                                                                                                                                                                           | : 18.05.1998                                                                                                                                                                                                                                                                         |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Zero date:                                                   |                                                                                                                                                                           | : 21.05.2010                                                                                                                                                                                                                                                                         |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Notice To Proceed (NTP)                                      |                                                                                                                                                                           | :21.05.10                                                                                                                                                                                                                                                                            |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Financial closure                                            |                                                                                                                                                                           | : 21.05.2010. IDBI is the lead lender<br>Debt – 80%<br>Equity – 20%                                                                                                                                                                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Main Plant Order                                             |                                                                                                                                                                           | : 06.02.2009/ Notice to proceed on 29.09.2009 (BTG) on BHEL                                                                                                                                                                                                                          |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | BTG Make                                                     |                                                                                                                                                                           | : BHEL                                                                                                                                                                                                                                                                               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | BOP Package                                                  |                                                                                                                                                                           | : BOP package on EPC basis was with M/s PUNJ LLOYD executed on 14.09.2009.                                                                                                                                                                                                           |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Type of fuel                                                 |                                                                                                                                                                           | : Pulverised Coal                                                                                                                                                                                                                                                                    |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | PPA                                                          |                                                                                                                                                                           | :PSEB                                                                                                                                                                                                                                                                                |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Source and supply of Fuel                                    |                                                                                                                                                                           | : Received on 05.04.2006 for 2.5 MTPA Tokisud north coal field allotted as a captive coal mine. To supplement coal supply, MOC, allocated part of seregarha coal block to be developed jointly by GVK and M/s Arcelor Mittal.                                                        |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Power Evacuation system                                      |                                                                                                                                                                           | Three double ckt 400 KV transmission lines have been planned to the following proposed sub stations from the project<br>(i) 220KV Sub station Khasa (ASR) - 60 Km<br>(ii) 220KV Sub station Bottianwala (Ferozepur) - 38 Km<br>(iii) 220KV Sub station Sultanpur (Kapurthala) - 20Km |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   |                                                              |                                                                                                                                                                           | Tata Consulting Engineers (TCE) Ltd. appointed as technical consultant.                                                                                                                                                                                                              |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   |                                                              |                                                                                                                                                                           | Amended and Restated PPA signed with PSEB on 26.05.2009.                                                                                                                                                                                                                             |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   |                                                              |                                                                                                                                                                           | FSA executed on 06.06.2009.                                                                                                                                                                                                                                                          |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   |                                                              |                                                                                                                                                                           | Land possession: 1074.615 Acres of land acquired for the main plant. Possession of 37.98 Acres of land for railway corridor given on 09.02.2013.                                                                                                                                     |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Critical issues   |                                                              |                                                                                                                                                                           |                                                                                                                                                                                                                                                                                      |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Reasons for Delay |                                                              | Financial crunch. Readiness of CHP, AHP. Delay in start of Mining operation. <b>Commissioning got delayed due to cancellation of Tokisud Coal block by Supreme Court.</b> |                                                                                                                                                                                                                                                                                      |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |

| BROAD STATUS OF STATE SECTOR THERMAL POWER PROJECTS<br>(The Rajasthan Vidyut Utpadan Nigam Ltd.) |                                               |                                                                                            |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
|--------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------|---------------|------------------------|-------|--------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Sl. No                                                                                           | PROJECT DETAILS                               | Unit                                                                                       | Capacity (MW) | Commissioning Schedule |       |                          |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |
|                                                                                                  |                                               |                                                                                            |               | Original               |       | Actual (A) / As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
|                                                                                                  |                                               |                                                                                            |               | Syn. (Comm)            | COD   | Syn. (Comm)              | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| State Sector                                                                                     |                                               |                                                                                            |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
|                                                                                                  | Chhabra SCTPP, Chhabra RRVUNL (Distt. Baran ) | 5                                                                                          | 660           | 06/16<br>09/16         | 09/16 | 10/16<br>12/16           | 02/17 | <div>Unit-5</div> <ul style="list-style-type: none"><li>• <b>Blr:</b> erection started on 17-02-14. Foundations of ID &amp; FD fan completed. Erection work of ID and FD in progress. RCC in progress for PA fans. Erection of Mills is in progress. Steam blowing completed.</li><li>• <b>HT:</b> done on 03-11-15.</li><li>• <b>BLU:</b> done on 22.08.16.</li><li>• <b>ESP:</b> Foundation works completed Erection &amp; insulation work in progress.</li><li>• <b>TG:</b> Condenser and TG erection started from 24-01-15 and 27-03-15 respectively. Oil flushing started on 03/01/16 and completed on 27/05/16. TG put on barring gear on 12/06/16. Synchronization completed on 02/ 10/16.</li></ul> <div>Unit-6</div> <ul style="list-style-type: none"><li>• <b>Boiler:</b> Boiler foundation completed on 09.08.15. Erection started on 17/08/15. 3139 MT structure &amp; NPP erected Coal bunker fabrication in progress.</li><li>• <b>STG MPH building:</b> Foundation RCC in progress.</li><li>• <b>ESP:</b> RCC work in progress. ESP erection started on 04/09/15.</li><li>• <b>TG:</b> TG erection started on 11.07.16.</li><li>• <b>ID/FD/PA Fan:</b> Excavation work in FD and PA Fan done. PCC in progress.</li></ul> <p>M/s L&amp;T has submitted L2 schedule with commissioning date as 06/2018.</p> <div>BoPs:</div> <ul style="list-style-type: none"><li>• <b>CHP:</b> Civil and structural fabrication work is in progress. Stacker &amp; re-claimer erection work is in progress.</li><li>• <b>AHP:</b> RCC work is in progress in AHP and BAH erection in progress.</li><li>• <b>Chimney:</b> Shell concreting is completed up to +270 m. Fabrication work is in progress.</li><li>• <b>NDCT:</b> Work in Basin floor, grillage columns, racker columns, shell and hot water duct is in progress.</li><li>• <b>RWPH:</b> Erection of Raw water pumps completed. Piping connection work also completed. Trail run balance.</li><li>• <b>DM Plant:</b> All three streams of DM plant have started DM water generation in mechanical mode. Auto comm. Balance</li><li>• <b>CW Pump:</b> Erection work completed. CW-3 for unit-5 comm. Other CW pumps are in under progress..</li><li>• <b>FO system:</b> RCC work completed. Finishing work in progress.</li><li>• <b>FPS:</b> Fire fighting pipe erection work and civil work under progress.</li><li>• <b>Switchyard:</b> Anta line charged on 22/04/16 and switch yard charged on 23-05-16. UAT, UT also charged.</li></ul> |  |  |  |
| 6                                                                                                |                                               | 660                                                                                        |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| Estimated cost (M/Y)                                                                             |                                               | : Rs. 792000 lakh                                                                          |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| Revised approved cost(M/Y)                                                                       |                                               | : Rs. 792000 lakhs                                                                         |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| Exp. During 2013-14                                                                              |                                               | Rs. 76315 lakhs                                                                            |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| Exp. During 2014-15                                                                              |                                               | Rs. 85862 lakhs                                                                            |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| Exp. During 2015-16                                                                              |                                               | Rs. 249612 lakhs                                                                           |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| Exp. During 2016-17                                                                              |                                               | Rs. 102286 lakhs                                                                           |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| Total Exp (up to 07/16)                                                                          |                                               | Rs. 514075 Lakhs                                                                           |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| Zero Date of Project                                                                             |                                               | : 28-03-2013                                                                               |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| Financial Closure                                                                                |                                               | Pertains to TD                                                                             |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| Main Plant order Date                                                                            |                                               | Order placed on M/s L&T - MHI for boiler, TG on 28-03-2013.                                |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| BOP Package                                                                                      |                                               | CHP: L&T                                                                                   |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
|                                                                                                  |                                               | Water System: L&T                                                                          |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| Type of Fuel                                                                                     |                                               | Coal                                                                                       |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| Fuel linkage                                                                                     |                                               | Coal Blocks (Parsa East & Kante Basen) re-allocated by MoC, GoI on 24/03/15.               |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| PPA                                                                                              |                                               | Signed with Rajasthan Discom on 18.05.10                                                   |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| Power evacuation system                                                                          |                                               | Extension work of ANTA Line upto Chhabra STPP has been taken up by RVPN                    |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| Water                                                                                            |                                               | 300 MCFT from Lhasi and 1270 MCFT from Parwan irrigation projects has been ensured by GOR. |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| Land                                                                                             |                                               | Land is available for both the units.                                                      |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| MOE&F clearance                                                                                  |                                               | Unit-5: 23-05-2012<br>Unit-6: 02-02-2015                                                   |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
|                                                                                                  |                                               |                                                                                            |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| Critical Issues                                                                                  |                                               | 1. Rail Link<br>2. Raw Water                                                               |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| Reasons for delay                                                                                |                                               |                                                                                            |               |                        |       |                          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |

| Sl. No            | PROJECT DETAILS                                                       | Unit | Capacity (MW)                                                                                                                             | Commissioning Schedule |       |                              |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|-------------------|-----------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                                                       |      |                                                                                                                                           | Original               |       | Actual (A) / As now Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   |                                                                       |      |                                                                                                                                           | Syn. (Comm)            | COD   | Syn. (Comm)                  | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| State Sector      |                                                                       |      |                                                                                                                                           |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Suratgarh Super Critical TPP, RRVUNL, Suratgarh(Distt Sri Ganga Nagar | 7    | 660                                                                                                                                       | 06/16<br>07/16         | 09/16 | 01/17<br>02/17               | 03/17 | <b>Unit-7</b><br><b>Boiler:</b> Erection started on 26.03.14. Hydro test completed on 31/12/15.BLU expected in 12/16<br><b>ESP:</b> 95% erection completed. Casing wall deflection plate welding under progress in B, C pass.<br><b>TG:</b> TG civil work started on 07.12.13. Condenser erection started on 29.04.15.TG erection started on 16.11.15. TG oil flushing started on 09.12.16.<br><b>Box up:</b> expected in 1/16.<br><b>Unit-8</b><br><b>Boiler:</b> Erection started on 25.06.14 HT completed on 15.03.16. Erection work of pressure parts and Rotary parts is u/p. Joints in progress.<br><b>ESP:</b> 95% erection completed.<br><b>TG:</b> Erection work started for Condenser on 28.06.15 and for TG on 05.11.15, Erection work is in progress,<br><b>Box up:</b> expected in 1/16.<br><br><b>BoP's:</b><br><br><b>Chimney:</b> RCC shell is completed. U-7 flue 254 m out of 264m completed.U-8 flue 116 m out of 264m completed.<br><b>CHP:</b> About 89.49% supply has been received. U-7: 85% stacker reclaim errection has been completed.<br><b>U-8:</b> 80% stacker reclaim errection has been completed.<br><b>AHP:</b> Axial seal work completed, radial seal work is u/p in U-7. module erection completed. Axial seal work in u/p.Bottom ash hopper work is u/p. structure work is completed and erection work is u/p in U-8. Ash disposal line civil foundation work is u/p.<br><b>NDCT:</b> Shell completed up to 173m. for U-7 and U-8 is under progress(64m).<br><b>CW System:</b> CW pumps & ACW pumps erection work is u/p.<br><b>DM Plant:</b> pressure vessels erection completed and unloading pumps and air blowers erection u/p.<br><b>FO system:</b> Fabrication & shell erection of HFO & LDO Tanks is completed.<br><b>Switchyard:</b><br>Erection of 400kV D/C transmission line between existing plant and new switchyard completed and other work is u/p. |  |
|                   |                                                                       | 8    | 660                                                                                                                                       | 09/16<br>10/16         | 12/16 | 03/17<br>04/17               | 05/17 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Original Estimated cost                                               |      | Rs. 792000 lakh                                                                                                                           |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Latest Estimated cost                                                 |      | Rs. 792000 lakhs                                                                                                                          |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Exp. during 2012-13                                                   |      | Rs. 1736 lakhs                                                                                                                            |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Exp. during 2013-14                                                   |      | Rs. 55029 lakhs                                                                                                                           |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Exp. during 2014-15                                                   |      | Rs. 191874 lakhs                                                                                                                          |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Exp. during 2015-16                                                   |      | Rs. 252788 lakhs                                                                                                                          |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Exp. during 2016-17                                                   |      | Rs. 84829 lakhs                                                                                                                           |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Total Expenditure (up to 12/16)                                       |      | Rs. 586256 Lakhs                                                                                                                          |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Type of fuel                                                          |      | Coal                                                                                                                                      |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Zero date                                                             |      | 28.03.13                                                                                                                                  |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Main Plant Order                                                      |      | Order placed on 23-05-13 on M/s BHEL<br>Blr-ALSTOM, TG-SIEMENS                                                                            |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | BOP Package                                                           |      | BHEL                                                                                                                                      |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Type of Fuel                                                          |      | Coal                                                                                                                                      |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Fuel linkage                                                          |      | Approval accorded by MOC on 03-02-12 from Parsa East & Kanta Basan coal blocks of RVUNL                                                   |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Power purchase agreement:                                             |      | PPA made between RVUN and Jaipur, Ajmer, Jodhpur Vidyut Vitran Nigam Ltd. on 18.05.10.                                                    |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Power evacuation system:                                              |      | Through 4 x 400 kV transmission line of RVPN.                                                                                             |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Land:                                                                 |      | Possession of 672.873 ha of land for water conductor system, construction of main power plant, residential colony on approach road taken. |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Water:                                                                |      | 60 cusec of water from Indira Gandhi Canal is allocated on 02.09.09.                                                                      |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | MOEF:                                                                 |      | Clearance obtained vide letter No. J-13012/14/2009 – IA. II (T).                                                                          |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | SPCBC:                                                                |      | Clearance accorded by Rajasthan SPCB on 04.06.13.                                                                                         |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   | Civil Aviation                                                        |      | NOC obtained from AAI on 26.4.10                                                                                                          |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   |                                                                       |      |                                                                                                                                           |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   |                                                                       |      |                                                                                                                                           |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                   |                                                                       |      |                                                                                                                                           |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Critical Areas    |                                                                       |      | AHP, Start up Power                                                                                                                       |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Reasons for delay |                                                                       |      |                                                                                                                                           |                        |       |                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |

# BROAD STATUS OF THERMAL POWER PROJECTS IN UTTAR PRADESH

| Sl. No.                   | Project Details                            | Capacity (MW)                                                                                                   | Commissioning Schedule                                                                               |       |                              |             | Broad Status                                                                                                                                                                                                                                                                              |
|---------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------|------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           |                                            |                                                                                                                 | Original                                                                                             |       | Actual (A) / As now Expected |             |                                                                                                                                                                                                                                                                                           |
|                           |                                            |                                                                                                                 | Syn.                                                                                                 | Com.  | Syn.                         | Com.        |                                                                                                                                                                                                                                                                                           |
| 1.                        | Anpara 'D' TPS UPRVUNL (Distt. Sonebhadra) | 1000                                                                                                            |                                                                                                      |       |                              |             | UNIT-6<br>- Commissioned on 06.06.15.<br>UNIT-7<br>Boiler erection started on 02/11/10. HT done on 03/07/13 & BLU completed on 31.08.15. SBO completion expected in 11/15. TG erection started on 31/07/13 and boxed up in 07/14.<br>- Syn. on 23.02.2016<br>- Commissioned on 06.03.2016 |
|                           | Unit-6                                     | 500                                                                                                             | 02/11                                                                                                | 03/11 | 03/15(A)                     | 06.06.15(A) |                                                                                                                                                                                                                                                                                           |
|                           | Unit-7                                     | 500                                                                                                             | 05/11                                                                                                | 06/11 | 02/16(A)                     | 06.03.16(A) |                                                                                                                                                                                                                                                                                           |
|                           | Date of approval by State Govt.            |                                                                                                                 | 27.09.2006                                                                                           |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | Financial closure                          |                                                                                                                 | 27.06.2008 with REC Debt- 70%, Equity- 30% by Govt. of UP                                            |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | Est. approved cost                         |                                                                                                                 | Rs. 535879 lakhs                                                                                     |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | Latest Est. Cost                           |                                                                                                                 | Rs. 584302 lakhs                                                                                     |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | Exp. upto 2005-06                          |                                                                                                                 | Rs. 11 . lakhs                                                                                       |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | Exp. upto 2006-07                          |                                                                                                                 | Rs. 291 lakhs                                                                                        |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | Exp. upto 2007-08                          |                                                                                                                 | Rs. 47113 lakhs                                                                                      |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | Exp. during 2008-09                        |                                                                                                                 | Rs 4078 lakhs                                                                                        |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | Exp. during 2009-10                        |                                                                                                                 | Rs 61512 lakhs                                                                                       |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | Exp. during 2010-11                        |                                                                                                                 | Rs 127893 lakhs                                                                                      |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | Exp. during 2011-12                        |                                                                                                                 | Rs 99362 lakhs                                                                                       |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | Exp. during 2012-13                        |                                                                                                                 | Rs 61923 lakhs                                                                                       |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | Exp. during 2013-14                        |                                                                                                                 | Rs 72981 lakhs                                                                                       |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | Exp. during 2014-15 (upto 03/15)           |                                                                                                                 | Rs 70399 lakhs                                                                                       |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | Cumulative Exp. upto 03/15                 |                                                                                                                 | Rs 545563 lakhs                                                                                      |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | Type of fuel                               |                                                                                                                 | Coal                                                                                                 |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | PPA                                        |                                                                                                                 | PPA signed with UPPCL on 26.05.2011 for 100% power purchase                                          |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | MoEF clearance                             |                                                                                                                 | Achieved on 18.9.07.                                                                                 |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | Fuel Linkage                               |                                                                                                                 | Received for 1.77 MTPA of coal for one unit of 500 MW. For remaining quantity of coal applied to MOC |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | Date of main plant order                   |                                                                                                                 | BHEL. (BTG) on 24.10.07                                                                              |       |                              |             |                                                                                                                                                                                                                                                                                           |
| Zero date of the project. |                                            | 13.01.08                                                                                                        |                                                                                                      |       |                              |             |                                                                                                                                                                                                                                                                                           |
| Power Evacuation system   |                                            | 765 KV line inter -connection between Anpara 'D' TPS to Anpara 'C' TPS – Unnao line already charged with 400KV. |                                                                                                      |       |                              |             |                                                                                                                                                                                                                                                                                           |
|                           | Critical Areas                             | NIL                                                                                                             |                                                                                                      |       |                              |             |                                                                                                                                                                                                                                                                                           |

| Sl. No.                                                                                                                                                                                                                                                                                                                                                                                  | PROJECT DETAILS                                     | Capacity<br>(MW)                                                                                                                                              | Commissioning Schedule |       |                                     |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|-------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                          |                                                     |                                                                                                                                                               | Original               |       | Actual (A) / As<br>now Anticipated. |       |                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                          |                                                     |                                                                                                                                                               | Syn.                   | Com.  | Syn.                                | Com.  |                                                                                                                                                                                                                                                                                                                                                                                                      |
| 2                                                                                                                                                                                                                                                                                                                                                                                        | Harduaganj Expn.,-II<br>UPRVUNL<br>(Distt.; Aligarh | 660                                                                                                                                                           |                        |       |                                     |       | U-1: -<br>Boiler: LOI issued to M/s Doosan. Boiler erection start expected in 02/17. Basic Plant Engineering Completed. Plant layout (Plot Plan) finalized. Basic Engineering consultants are appointed (DCPL for BOP Electro-Mechanical and TPSC-I for Civil) and design engineering under progress. TCE is appointed as AE-PM. Foundation bolt for boiler procurement and manufacturing completed. |
|                                                                                                                                                                                                                                                                                                                                                                                          | Unit-1                                              | 660                                                                                                                                                           | 04/19                  | 06/19 | 04/19                               | 06/19 |                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                          | Date of clearance by State Govt.                    | :                                                                                                                                                             |                        |       |                                     |       |                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                          | Original/revised/Latest Est. Cost                   | : Rs.482649 lakhs                                                                                                                                             |                        |       |                                     |       |                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                          | Date of Financial Closure                           | : Achieved on 14.03.2012                                                                                                                                      |                        |       |                                     |       |                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                          | Exp. During 2015-16 (up to 12/15)                   | : Rs. 20390 Lakhs                                                                                                                                             |                        |       |                                     |       | The Govt.of UP has approved the Installation & Construction of FDR & SCR Syatems in December 2016 which will comply the MoEF circular dated 7/12/2015                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                          |                                                     |                                                                                                                                                               |                        |       |                                     |       |                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                          | Cumulative Expd. (12/15)                            | :Rs 20390 Lakhs                                                                                                                                               |                        |       |                                     |       | Boiler, Mill & Control building area piling completed and main building work is going on. M/s. Doosan has fixed the vendor for Boiler erection work. Boiler erection start expected in 02/17.                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                          | Type of fuel                                        | : Coal                                                                                                                                                        |                        |       |                                     |       |                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                          | Date of Main Plant Order/BoPs                       | : M/s Toshiba JSW Systems Private Limited as a single EPC basis on 08.09.2015<br><b>Boiler: Doosan, India ; TG &amp; Generator: Toshiba JSW Power Systems</b> |                        |       |                                     |       |                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                          | Zero date                                           | : 08.09.2015                                                                                                                                                  |                        |       |                                     |       |                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                          | Land                                                | :                                                                                                                                                             |                        |       |                                     |       |                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                          | PPA                                                 | : Signed on 16.01.13                                                                                                                                          |                        |       |                                     |       |                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                          | MoEF Clearance                                      | :.                                                                                                                                                            |                        |       |                                     |       |                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                          | Fuel Linkage                                        | : From Saharpur-Jamarpani, Jharkhand coal Block allocated on 25.03.15.                                                                                        |                        |       |                                     |       |                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                          | Associated Transmission System                      |                                                                                                                                                               |                        |       |                                     |       |                                                                                                                                                                                                                                                                                                                                                                                                      |
| <div><ul style="list-style-type: none"><li>• <b>Land:</b> Not required being an Expansion Project.</li><li>• <b>MOEF clearance:</b> Change order from MOEF issued.</li><li>• <b>Water:</b> Water Allocated on 03.12.11 from Upper Ganga Canal.</li><li>• <b>Civil Aviation Clearance:</b> Civil Aviation Clearance granted on 11.07.12 from Airports Authority of India.</li></ul></div> |                                                     |                                                                                                                                                               |                        |       |                                     |       | Overall delays in the construction/activities due to delay in receipt of revised MOEF order from UPRVUNL in compliance with MoEF notification dated 07/12/15. FGD & SCR System Installation has been approved by the Govt. of UP in 12/16..                                                                                                                                                          |
| Critical Areas                                                                                                                                                                                                                                                                                                                                                                           |                                                     |                                                                                                                                                               |                        |       |                                     |       |                                                                                                                                                                                                                                                                                                                                                                                                      |

| Sl. No.        | PROJECT DETAILS                                                               | Capacity (MW) | Commissioning Schedule                                                                                                                            |       |                                  |             | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|----------------|-------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                |                                                                               |               | Original                                                                                                                                          |       | Actual (A) / As now Anticipated. |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                |                                                                               |               | Syn.                                                                                                                                              | Com.  | Syn.                             | Com.        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Private Sector |                                                                               |               |                                                                                                                                                   |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| 1.             | LALITPUR STPP<br>M/s Lalitpur Power Generation Co. Ltd.<br>(Distt.; Lalitpur) | 1980          |                                                                                                                                                   |       |                                  |             | U-1: - <ul style="list-style-type: none"><li>Boiler: Boiler erection started on 23.03.12. HT conducted on 12.03.2014. BLU done on 15.01.15. SBO completed on 11.04.15.</li><li>ESP: ESP work completed</li><li>TG: Condenser erection started on 25.11.2013. TG erection started on 15.12.2013. TG boxed up on 9/12/14. Turbine oil flushing completed on 16.04.15. Turbine on Barring gear on 17.04.15. Unit Synchronized with Coal on 09.06.15. Unit achieved full load on 26.03.16</li></ul> U-2: - <ul style="list-style-type: none"><li>Boiler erection started on 23/03/12. HT done on 12/3/14. BLU done in 15/01/15. SBO completed on 11/04/15. TG erection started on 15/12/13 &amp; boxed up on 09/12/14. Oil Flushing completed on 16/04/15</li><li>Unit synchronized on 23.12.15. Unit Achieved full load on 08.01.16</li></ul> U-3: - <ul style="list-style-type: none"><li>Boiler: Boiler erection started on 27.11.2012. HT conducted on 31.03.15. BLU completed on 09.01.16. EDTA completed. Unit commissioned on 01.04.16</li></ul> |  |
|                | Unit-1                                                                        | 660           | 09/14                                                                                                                                             | 10/14 | 09.06.15(A)                      | 26.03.16(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Unit-2                                                                        | 660           | 01/15                                                                                                                                             | 02/15 | 23.12.15(A)                      | 08.01.16(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Unit-3                                                                        | 660           | 05/15                                                                                                                                             | 06/15 | 11/16                            | 01.04.16(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Date of clearance by State Govt.                                              | :             |                                                                                                                                                   |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Original/revised/Latest Est. Cost                                             | :             | Rs.1184800 Lakhs / 1211200 Lakhs/1729500 Lakhs                                                                                                    |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Date of Financial Closure                                                     | :             | Achieved on 24.08.2011. Loan agreement signed with SBI                                                                                            |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Exp. During 2009-10                                                           | :             | Rs. 116 Lakhs                                                                                                                                     |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Exp. During 2010-11                                                           | :             | Rs 62784 Lakhs                                                                                                                                    |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Exp. During 2011-12                                                           | :             | Rs. 247400 Lakhs                                                                                                                                  |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Exp. During 2012-13                                                           | :             | Rs. 245000 Lakhs                                                                                                                                  |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Exp. During 2013-14                                                           | :             | Rs 306200 Lakhs                                                                                                                                   |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Exp. During 2014-15                                                           | :             | Rs 393125 Lakhs                                                                                                                                   |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Exp. During 2015-16 (up to 07/15)                                             | :             | Rs 569100 Lakhs                                                                                                                                   |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Cumulative Expd. (07/15)                                                      | :             | Rs 1430600 Lakhs                                                                                                                                  |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Type of fuel                                                                  | :             | Coal                                                                                                                                              |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Date of Main Plant Order/BoPs                                                 | :             | 21.03.2011 (BTG) on M/s BHEL<br>: BOP's order has been placed on M/s Corbery Infrastructure PTE Ltd. (CIPL) Singapore on EPC basis on 17.03.2011. |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Zero date                                                                     | :             | 21.03.2011                                                                                                                                        |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Land                                                                          | :             | Total land has been acquired.                                                                                                                     |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | PPA                                                                           | :             | Signed on 10.12.10.                                                                                                                               |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | MoEF Clearance                                                                | :             | Obtained in 03/11.EC on domestic coal for 2 nits have been obtained in 05/14.                                                                     |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Fuel Linkage                                                                  | :             | Applied to MOC for 9.15 MTPA                                                                                                                      |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Associated Transmission System                                                | :             | 765KV line to Bhoganipur, UPPCL Grid & Agra to be provided by UPPCL.                                                                              |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Boiler make                                                                   | :             | Unit-1,2 & 3 : BHEL.                                                                                                                              |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Turbine & Generator make                                                      | :             | Unit-1 : Siemens<br>Unit-2 & 3 : BHEL                                                                                                             |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                | Critical Areas                                                                |               | Non-readiness of power evacuation system.                                                                                                         |       |                                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |

| Sl. No.                                                                                                                                                                                                                                                                                                                                                                                                                          | PROJECT DETAILS                                                                                                                                                            | Capacity (MW) | Commissioning Schedule |              |                                  |      | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|--------------|----------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                            |               | Original               |              | Actual (A) / As now Anticipated. |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                            |               | Syn.                   | Com.         | Syn.                             | Com. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Private Sector                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                            |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                | PRAYAGRAJ TPP<br>M/s Prayagraj Power Generation Co. Ltd.<br>(Distt. Bara, Allahabad)                                                                                       | 1980          |                        |              |                                  |      | <u>U-1: -</u> <ul style="list-style-type: none"><li>Boiler erection started on 12/07/11. HT done on 24/10/13. BLU done on 31/03/15. TG erection started in 01/13 &amp; boxed up on 20/02/14. Oil flushing completed on 18/03/15. <b>Unit Synchronised on 31.10.15. Full load Achieved on 25.12.15. COD on 29.02.16</b></li></ul> <u>U-2: -</u> <ul style="list-style-type: none"><li><b>Boiler:</b> Boiler erection started on <b>12.09.2011</b>. Hydro test conducted on <b>29.01.15</b>. BLU completed on 03.03.16. SBO completion expected in 05/16</li><li><b>ESP:</b> ESP work completed</li><li><b>TG:</b> Condenser erection started on 10.06.13. TG erection started on 20.09.13. TG boxed up on 14.05.15. OF completed on 16.03.16. <b>Unit Sync. on 07.07.16. COD on 10/09/16</b></li></ul> <u>U-3: -</u> <ul style="list-style-type: none"><li><b>Boiler:</b> Boiler erection started on <b>05.09.2011</b>. Hydro test conducted on <b>29.11.14</b>. BLU on 31.05.16. Acid cleaning completed. Temporary piping work for steam blowing is under progress. SBO completion expected in 01/17. Pressure parts erection in progress. Unit Syn.(on oil) expected in 04/17 and full load expected in 05/17.</li><li><b>ESP:</b> ESP work completed.</li><li><b>TG:</b> Condenser erection started on 10.01.14. TG erection started on 11.11.14. TG box up expected in 01/17</li><li><b>BOPS:</b></li><li><b>Chimney:</b> Awarded to Paharpur. 275 height achieved for both chimneys. Flue 1&amp;2 completed. Chimney 2 completed.</li><li><b>CHP:</b> Package A awarded to L&amp;T and Package B awarded to HEW. For Package A, WT4 &amp; WT 3 commissioned. For U-1,2,3 bunker ready. Load trials carried out. For Package B, 1<sup>st</sup> stacker reclaimer commissioned.</li><li><b>AHP:</b> Awarded to Macawber Beekay. System ready for U-1,2 &amp; 3 completed.</li><li><b>NDCT:</b> CT-1,2 &amp;3 completed.</li><li><b>PTP:</b> PT plant commissioned</li><li><b>DM Plant:</b> DM plant commissioned</li><li><b>FOS:</b> ALL HFO and LDO storage and Day tanks completed. FOH pump house ready, LDO system commissioned.</li><li><b>FPS:</b> Ready for U-1&amp;2. Work is in progress in other areas.</li><li><b>SWYRD:</b> Work in 400 KV switchyard completed and charged 765 kV S/W commissioned.</li></ul> |
| Unit-1                                                                                                                                                                                                                                                                                                                                                                                                                           | 660                                                                                                                                                                        | 06/13         | 10/13                  | 31.10.15 (A) | 25.12.15 (A)                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Unit-2                                                                                                                                                                                                                                                                                                                                                                                                                           | 660                                                                                                                                                                        | 11/13         | 03/13                  | 07.07.16     | 09/16                            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Unit-3                                                                                                                                                                                                                                                                                                                                                                                                                           | 660                                                                                                                                                                        | 04/14         | 07/14                  | 03/17        | 03/17                            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Date of clearance by State Govt.                                                                                                                                                                                                                                                                                                                                                                                                 | : Nov, 2006.                                                                                                                                                               |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Original/Latest Est. Cost                                                                                                                                                                                                                                                                                                                                                                                                        | : Rs.1162227 Lakhs/ 1387000 lakhs                                                                                                                                          |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Date of Financial Closure                                                                                                                                                                                                                                                                                                                                                                                                        | : Achieved on 06.07.2010 with SBI                                                                                                                                          |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Exp. Upto 03/2011                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs.124478 Lakhs                                                                                                                                                           |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Exp. During 2011-12                                                                                                                                                                                                                                                                                                                                                                                                              | :Rs.137691 Lakhs                                                                                                                                                           |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Exp. During 2012-13                                                                                                                                                                                                                                                                                                                                                                                                              | :Rs.296958 Lakhs                                                                                                                                                           |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Exp. During 2013-14                                                                                                                                                                                                                                                                                                                                                                                                              | :Rs.308897 Lakhs                                                                                                                                                           |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Exp. During 2014-15                                                                                                                                                                                                                                                                                                                                                                                                              | :Rs. 285952 Lakhs                                                                                                                                                          |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Exp. During 2015-16                                                                                                                                                                                                                                                                                                                                                                                                              | : Rs. 171135 Lakhs                                                                                                                                                         |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Exp. During 2016-17 (upto -Dec16)                                                                                                                                                                                                                                                                                                                                                                                                | : Rs. 110848 Lakhs                                                                                                                                                         |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cumulative Expd. (12/16)                                                                                                                                                                                                                                                                                                                                                                                                         | :Rs. 1435959 Lakhs                                                                                                                                                         |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Type of fuel                                                                                                                                                                                                                                                                                                                                                                                                                     | : Coal                                                                                                                                                                     |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Date of Main Plant Order                                                                                                                                                                                                                                                                                                                                                                                                         | : 22.01.2009 (BTG) on M/s BHEL                                                                                                                                             |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Boiler, TG & Generator make.                                                                                                                                                                                                                                                                                                                                                                                                     | Boiler U-1: Structure from BHEL, Pressure parts from Alstom, U- 2&3: From BHEL. TG & Gen U-1&2: From Siemens, U-3: From BHEL Hardwar.                                      |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Zero date                                                                                                                                                                                                                                                                                                                                                                                                                        | 23.02.2010.                                                                                                                                                                |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PPA                                                                                                                                                                                                                                                                                                                                                                                                                              | : PPA signed on 21.11.2008.                                                                                                                                                |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Fuel Linkage                                                                                                                                                                                                                                                                                                                                                                                                                     | : Fuel supply agreement between PPGCL & NLC for 6.95 MTPA has been executed on 29.08.2013.                                                                                 |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Associated Transmission System                                                                                                                                                                                                                                                                                                                                                                                                   | Power is proposed to be evacuated at 765 KV and 400 KV level for which 765KV and 400 KV switchyards are proposed. Responsibility of UPPCL & PPGCL. Work awarded to Isolux. |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <ul style="list-style-type: none"><li><b>Land:</b> :1468 acres of land for the project is in physical possession. Land for the facilities outside the plant area is being acquired. For land required for railway sliding about 32.71 Ha out of 35 ha has been acquired. Lease deed executed and the process of taking physical possession of land is completed.</li><li><b>MOEF clearance:</b> Obtained on 08.09.2009</li></ul> |                                                                                                                                                                            |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Critical Area                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.                                                                                                                                                                         |               |                        |              |                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## BROAD STATUS OF THERMAL POWER PROJECTS IN UTTARAKHAND

| Sl. No.                                                                                                                                                                                                  | Project Details                                                                  | Unit                              | Capacity (MW)                                                                                                                                                                        | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                          |                                                                                  |                                   |                                                                                                                                                                                      | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                                                                                                                                                          |                                                                                  |                                   |                                                                                                                                                                                      | Synch/ Comm            | COD   | Synch/ Comm            | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Private Sector                                                                                                                                                                                           |                                                                                  |                                   |                                                                                                                                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                                                                                                                                                          | Kashipur Gas Based CCPP, Ph-I (M/s Sravanthi Energy Pvt. Ltd), Udham Singh Nagar | GT-1                              | 75                                                                                                                                                                                   | 05/11<br>05/11         | 05/11 | 07/16<br>08/16         | 08/16 | <b>OPEN CYCLE</b><br><b>GT-I&amp;II</b><br>All civil works completed. Both the gas turbines (6FA, GE France) & generator placed on foundations. Operation container module for local operator in open cycle placed in position. Bypass diverter and damper erection completed. Generator transformer, Unit Aux. transformer and Station transformer commissioned. Gas conditioning skids (Both) GAIL & SEPL have been commissioned. Cranking of GTs completed. Both the GTs are on turning gear. All BOPs are commissioned. Start up power available and switchyard back charged. Power evacuation line (220 kV) is ready. PPA already signed with Uttarakhand Govt. Open cycle synchronization is expected in 07/16.<br><br><b>COMBINED CYCLE</b><br><b>HRSG-I&amp;II:</b><br>HRSG erection completed in 09/11. ACC commissioning is achieved in 09/11. HT for both the HRSG completed. Due to long preservation HT in the presence of Boiler Inspector is expected in 07/16. Both the HRSG are ready for ABO.<br><b>ST:</b><br>ST&STG supply received in 05/11. ST erection started in 05/11 and completed. Oil flushing completed. STG is on barring gear. Combined Cycle commissioning is expected in 08/16.<br><br><b>BoPs:</b><br><b>All the BoPs are ready.</b><br><b>Permission to operate targeted by Feb 2017.</b> |
|                                                                                                                                                                                                          |                                                                                  | GT-2                              | 75                                                                                                                                                                                   | 05/11<br>05/11         | 05/11 | 07/16<br>08/16         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                                                                                                                                                          |                                                                                  | ST                                | 75                                                                                                                                                                                   | 07/11<br>07/11         | 08/11 | 08/16<br>08/16         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Original Estd. Cost</b>                                                                                                                                                                               |                                                                                  |                                   | Rs.84500 Lakhs                                                                                                                                                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Latest Est. Cost</b>                                                                                                                                                                                  |                                                                                  |                                   | Rs.126600 Lakhs                                                                                                                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Expenditure during 2009-10                                                                                                                                                                               |                                                                                  |                                   | Rs.3428 Lakhs                                                                                                                                                                        |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Expenditure during 2010-11                                                                                                                                                                               |                                                                                  |                                   | Rs.79972Lakhs                                                                                                                                                                        |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Expenditure during 2011-12                                                                                                                                                                               |                                                                                  |                                   | Rs.9300 Lakhs                                                                                                                                                                        |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Expenditure during 2012-13                                                                                                                                                                               |                                                                                  |                                   | Rs.13000 Lakhs                                                                                                                                                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Expenditure during 2013-14                                                                                                                                                                               |                                                                                  |                                   | Rs.2500 Lakhs                                                                                                                                                                        |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Expenditure during 2014-15                                                                                                                                                                               |                                                                                  |                                   | Rs.600 Lakhs                                                                                                                                                                         |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Total Expenditure (Upto 06/14)</b>                                                                                                                                                                    |                                                                                  |                                   | : Rs.108800 Lakhs                                                                                                                                                                    |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Approval date:</b>                                                                                                                                                                                    |                                                                                  |                                   |                                                                                                                                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Zero date:</b>                                                                                                                                                                                        |                                                                                  |                                   | : 30.04.10                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Notice To Proceed (NTP)</b>                                                                                                                                                                           |                                                                                  |                                   | :30.04.10                                                                                                                                                                            |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Financial closure</b>                                                                                                                                                                                 |                                                                                  |                                   | Achieved on 23.08.10                                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Main Plant Order</b>                                                                                                                                                                                  |                                                                                  |                                   | : 30.04.10 on M/s Sravanthi Infratech Private Ltd (EPC Basis).                                                                                                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>BTG Make</b>                                                                                                                                                                                          |                                                                                  |                                   | : GTGs# GE, France(6FA), HRSGs#Greens Power Equipments(China) Co. Ltd.and STGs are from HTC China                                                                                    |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>BOP Package</b>                                                                                                                                                                                       |                                                                                  |                                   | : Reputed Indian Vendors                                                                                                                                                             |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Type of fuel</b>                                                                                                                                                                                      |                                                                                  |                                   | : Natural Gas (1.2mmcmd)                                                                                                                                                             |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>PPA</b>                                                                                                                                                                                               |                                                                                  |                                   | : Uttarakhand Govt.                                                                                                                                                                  |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source and supply of Fuel</b>                                                                                                                                                                         |                                                                                  |                                   | :Domestic Gas from D-6, KG Basin (Right now E-Bidding RLNG)                                                                                                                          |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Power Evacuation system</b>                                                                                                                                                                           |                                                                                  |                                   | open access: Transmission with PGCIL for 450MW capacity power evacuations through 400 kV/220kV permission granted by NRLDC on 29.12.10 ATS through nearby Grid sub-station is ready. |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| FSA signed with GAIL.<br>All statutory clearances are available.<br>All the BOPs has already been commissioned.<br>M/s TCE, Bangalore is the owner's consultant.<br>Gas pipeline connectivity completed. |                                                                                  |                                   |                                                                                                                                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Critical issues</b>                                                                                                                                                                                   |                                                                                  | Availability of Gas               |                                                                                                                                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Reasons for Delay</b>                                                                                                                                                                                 |                                                                                  | Non-availability of Domestic Gas. |                                                                                                                                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

| Sl. No.           | Project Details                                                                                                                                                                                                                                                                                                                      | Unit                              | Capacity (MW)                                                                                                                                                                                                   | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                                                                                                                                                                                                                                                                                                                      |                                   |                                                                                                                                                                                                                 | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   |                                                                                                                                                                                                                                                                                                                                      |                                   |                                                                                                                                                                                                                 | Synch/ Comm            | COD   | Synch/ Comm            | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Private Sector    |                                                                                                                                                                                                                                                                                                                                      |                                   |                                                                                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Kashipur Gas Based CCPP, Ph-II (M/s Sravanthi Energy Private Limited), Udhamsingh Nagar                                                                                                                                                                                                                                              | GT-1                              | 75                                                                                                                                                                                                              | 10/11<br>10/11         | 10/11 | 02/17<br>02/17         | 03/17 | <b><u>OPEN CYCLE</u></b><br><b><u>GT-I&amp;II</u></b><br>All civil works are completed in 08/11. Both the gas turbines (6FA, GE France) & generator erection already completed. Cranking of GT completed. Both the GTs are on turning Gear. Waiting for gas<br><b><u>COMBINED CYCLE</u></b><br><b><u>HRSG-I&amp;II:</u></b><br>Erection of HRSG equipment supply completed. Erection of both the HRSGs nearing completion. HT of both the HRSGs expected just after erection is completed.<br><br><b><u>ST:</u></b><br>ST& STG supply received at site. STG erection completed. ACC erection is nearing completion. STG oil flushing completed. STG yet to be put on BG.<br><br><b><u>BoPs:</u></b><br>• All the BoPs are ready. |  |
|                   |                                                                                                                                                                                                                                                                                                                                      | GT-2                              | 75                                                                                                                                                                                                              | 10/11<br>10/11         | 10/11 | 02/17<br>02/17         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   |                                                                                                                                                                                                                                                                                                                                      | ST                                | 75                                                                                                                                                                                                              | 12/11<br>12/11         | 12/11 | 03/17<br>03/17         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Original Estd. Cost                                                                                                                                                                                                                                                                                                                  |                                   | Rs.89800 Lakhs                                                                                                                                                                                                  |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Latest Est. Cost                                                                                                                                                                                                                                                                                                                     |                                   | Rs. 130000 Lakhs                                                                                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Expenditure during 2010-11                                                                                                                                                                                                                                                                                                           |                                   | Rs.70500Lakhs                                                                                                                                                                                                   |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Expenditure during 2011-12                                                                                                                                                                                                                                                                                                           |                                   | Rs. 11500 Lakhs                                                                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Expenditure during 2012-13                                                                                                                                                                                                                                                                                                           |                                   | Rs. 7100 Lakhs                                                                                                                                                                                                  |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Expenditure during 2013-14                                                                                                                                                                                                                                                                                                           |                                   | Rs. 1200 Lakhs                                                                                                                                                                                                  |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Expenditure during 2014-15                                                                                                                                                                                                                                                                                                           |                                   | Rs. 800 Lakhs (up to 06/14)                                                                                                                                                                                     |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Total Expenditure (Upto 06/14)                                                                                                                                                                                                                                                                                                       |                                   | : Rs.91100Lakhs                                                                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Approval date:                                                                                                                                                                                                                                                                                                                       |                                   | : NA                                                                                                                                                                                                            |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Zero date:                                                                                                                                                                                                                                                                                                                           |                                   | : 04.11.10                                                                                                                                                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Notice To Proceed (NTP)                                                                                                                                                                                                                                                                                                              |                                   | : 04.11.10                                                                                                                                                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Financial closure                                                                                                                                                                                                                                                                                                                    |                                   | Achieved on 04.11.10                                                                                                                                                                                            |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Main Plant Order                                                                                                                                                                                                                                                                                                                     |                                   | : 04.11.10 on M/s Sravanthi Infratech Private Ltd (EPC Basis).                                                                                                                                                  |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | BTG Make                                                                                                                                                                                                                                                                                                                             |                                   | GTGs# GE, France(6FA), HRSGs#Greens Power Equipments(China) Co. Ltd.and STGs are from HTC China                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | BOP Package                                                                                                                                                                                                                                                                                                                          |                                   | Common BoPs for Ph-I&II, Reputed Indian Vendors                                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Type of fuel                                                                                                                                                                                                                                                                                                                         |                                   | : Natural Gas (1.2 mmscmd)                                                                                                                                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | PPA                                                                                                                                                                                                                                                                                                                                  |                                   | : PPA yet to be signed                                                                                                                                                                                          |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Source and supply of Fuel                                                                                                                                                                                                                                                                                                            |                                   | :Domestic Gas from D-6, KG Basin (Right now E-Bidding RLNG)                                                                                                                                                     |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Power Evacuation system                                                                                                                                                                                                                                                                                                              |                                   | open access: Transmission with PGCIL for 450MW capacity power evacuations through 400 kV/220kV permission granted by NRLDC on 29.12.10. Readiness of ATS through nearby Grid sub-station is scheduled by 12/16. |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | <ul style="list-style-type: none"><li>FSA yet to be signed.</li><li></li><li>Il statutory clearances are available.</li><li></li><li>Il the BOPs has already been commissioned.</li><li>M/s TCE, Bangalore is the owner’s consultant.</li><li>Gas pipeline connectivity completed.</li><li>All common utilities are ready.</li></ul> |                                   |                                                                                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Critical issues   |                                                                                                                                                                                                                                                                                                                                      | Availability of Gas               |                                                                                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Reasons for Delay |                                                                                                                                                                                                                                                                                                                                      | Non-availability of Domestic Gas. |                                                                                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |

| Sl. No.           | Project Details                                                                                                                                                                                                                                                                                                                                                       | Unit                                                                 | Capacity (MW)                                                                       | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------|-------|------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|                   |                                                                                                                                                                                                                                                                                                                                                                       |                                                                      |                                                                                     | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                       |                                                                      |                                                                                     | Synch/ Comm            | COD   | Synch/ Comm            | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| Private Sector    |                                                                                                                                                                                                                                                                                                                                                                       |                                                                      |                                                                                     |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | GAMA CCPP, Module-I, at Mahuakhedaganj, Kashipur (M/s GAMA INFRAPROP (P) LTD.), Udham Singh Nagar                                                                                                                                                                                                                                                                     | GT-1                                                                 | 75                                                                                  | 10/11<br>10/11         | 10/11 | 02/16<br>03/16         | 07/16 | <b>OPEN CYCLE</b><br><b>GT-I&amp;II</b><br>Both the gas turbines (6FA, GE France) & generators supply has unloaded at site. GT erection started in 08/11. Erection of both the GTGs have completed. GT oil flushing completed. Cranking of GT has completed. GT is on turning gear.<br><b>COMBINED CYCLE</b><br><b>HRSG-I&amp;II</b><br>HRSG foundations completed. HRSG order has placed on M/s Thermax (India) and its supply completed. Both HRSG erections started in 07/11. Drum lifting completed in 02/12. HRSG HT is completed in 03/12. HRSG ready for ABO. ACC erection work 100% completed.<br><br><b>ST:</b><br>STG foundations completed. ST order has placed on M/s Hanzhon Steam Turbine Co. Ltd., China (HTC) and its supply completed. ST box up completed.<br><br><b>BoPs:</b><br><br>•       . All the BoPs are ready.. |  |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                       | GT-2                                                                 | 75                                                                                  | 10/11<br>10/11         | 10/11 | 02/16<br>03/16         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                       | ST                                                                   | 75                                                                                  | 10/11<br>10/11         | 10/11 | 03/16<br>07/16         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | Original Estd. Cost                                                                                                                                                                                                                                                                                                                                                   |                                                                      | Rs.83400 Lakhs                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | Latest Est. Cost                                                                                                                                                                                                                                                                                                                                                      |                                                                      | Rs. 115600Lakhs                                                                     |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | Expenditure during 2010-11                                                                                                                                                                                                                                                                                                                                            |                                                                      | Rs. 11000Lakhs                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | Expenditure during 2011-12                                                                                                                                                                                                                                                                                                                                            |                                                                      | Rs 70400 Lakhs                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | Expenditure during 2012-13                                                                                                                                                                                                                                                                                                                                            |                                                                      | Rs 2000 Lakhs                                                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | Expenditure during 2013-14                                                                                                                                                                                                                                                                                                                                            |                                                                      | Rs 15000 Lakhs                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | Expenditure during 2014-15                                                                                                                                                                                                                                                                                                                                            |                                                                      | Rs 5000 Lakhs                                                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | Expenditure during 2015-16                                                                                                                                                                                                                                                                                                                                            |                                                                      | Rs 2400 Lakhs                                                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | Total Expenditure (Upto 07/16)                                                                                                                                                                                                                                                                                                                                        |                                                                      | : Rs. 105800 Lakhs                                                                  |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | Approval date:                                                                                                                                                                                                                                                                                                                                                        |                                                                      | : NA                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | Zero date:                                                                                                                                                                                                                                                                                                                                                            |                                                                      | : 29.07.10                                                                          |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | Notice To Proceed (NTP)                                                                                                                                                                                                                                                                                                                                               |                                                                      | : 29.07.10                                                                          |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | Financial closure                                                                                                                                                                                                                                                                                                                                                     |                                                                      | Achieved                                                                            |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | Main Plant Order                                                                                                                                                                                                                                                                                                                                                      |                                                                      | : 29.07.10 on M/s Gama Infraprop (P) Ltd (EPC Basis).                               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | BTG Make                                                                                                                                                                                                                                                                                                                                                              |                                                                      | GTGs# GE, France(6FA), HRSGs# Thermax (India).and STGs are from HTC China           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | BOP Package                                                                                                                                                                                                                                                                                                                                                           |                                                                      | :Reputed Indian Vendors                                                             |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | Type of fuel                                                                                                                                                                                                                                                                                                                                                          |                                                                      | : Natural Gas                                                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | PPA                                                                                                                                                                                                                                                                                                                                                                   |                                                                      | : Uttarakhand Govt.                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | Source and supply of Fuel                                                                                                                                                                                                                                                                                                                                             |                                                                      | Domestic Gas from D-6, KG Basin (Right now E-Bidding RLNG)                          |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | Power Evacuation system                                                                                                                                                                                                                                                                                                                                               |                                                                      | LILO of 220kV circuit from 400kV Kashipur to 220 kV Mahua Khera Ganj has been made. |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                   | <ul style="list-style-type: none"><li>• FSA signed with GAIL</li><li>• ll statutory clearances are available.</li><li>• ll the BOPs have already been commissioned.</li><li>• oth the gas conditioning skids are commissioned.</li><li>• rection of gas pipeline completed and gas line charged upto GAIL skid.</li><li>• 07 MW (50%) PPA signed with UPCL.</li></ul> |                                                                      |                                                                                     |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| Critical issues   |                                                                                                                                                                                                                                                                                                                                                                       | 1. Gas allocation<br>2. Transmission line to 220kV Mahua Khera Ganj. |                                                                                     |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| Reasons for Delay |                                                                                                                                                                                                                                                                                                                                                                       | Non-availability of Gas                                              |                                                                                     |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |

| Sl. No.           | Project Details                                                                                                                                                                                                                                                                                                                                                                                                                                   | Unit                                                                                   | Capacity (MW)                                                                                                                                                                                                                                                                        | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                        |                                                                                                                                                                                                                                                                                      | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                        |                                                                                                                                                                                                                                                                                      | Synch/ Comm            | COD   | Sync/. Comm            | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Private Sector    |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                        |                                                                                                                                                                                                                                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | BETA CCPP, Module-I, at Kashipur (M/s BETA INFRATECH PRIVATE LTD.), Udham Singh Nagar                                                                                                                                                                                                                                                                                                                                                             | GT-1                                                                                   | 75                                                                                                                                                                                                                                                                                   | 12/11<br>12/11         | 12/11 | 02/17<br>02/17         | 03/17 | <b><u>OPEN CYCLE</u></b><br><b><u>GT &amp; GTG</u></b><br>Both the gas turbines (6FA, GE France) & generators supply reached at site. Erection of both the GTs and GTGs has completed. GT oil flushing completed. Erection of GT exhaust duct completed. By pass stack erection completed. Erection of diverter and damper completed. GT is ready to put on turning gear. Commissioning in open cycle is possible within one month from availability of gas<br><br><b><u>COMBINED CYCLE</u></b><br><b><u>HRSG-I &amp;II</u></b><br>Both the HRSGs order have placed on M/s Thermax (India) 23.10.10. HRSG erection completed. HT of both HRSGs completed. HRSG is ready for ABO.<br><br><b><u>ST:</u></b><br>ACC erection started on 01.05.12. ACC erection is under progress. ST order has placed on M/s G.E. on 04.12.10 and completed. TG erection started 26.04.12. TG Box Up completed. TG oil flushing is about to start and its completion is expected by 07/14. TG on BG after oil flushing completion. ST synchronization is expected within two and half month from availability of gas. Combined cycle commissioning is expected within 3month from availability of gas.<br><br><b><u>BoPs:</u></b><br><br>• All the BoPs are either already completed or nearing completion. |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                   | GT-2                                                                                   | 75                                                                                                                                                                                                                                                                                   | 12/11<br>12/11         | 12/11 | 02/17<br>02/17         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ST                                                                                     | 75                                                                                                                                                                                                                                                                                   | 03/12<br>03/12         | 03/12 | 03/17<br>03/17         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Original Estd. Cost                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                        | : Rs. 93600 Lakhs                                                                                                                                                                                                                                                                    |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Latest Est. Cost                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                        | : Rs. 125400 Lakhs                                                                                                                                                                                                                                                                   |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Expenditure during 2010-11                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                        | : Rs. 4649 Lakhs                                                                                                                                                                                                                                                                     |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Expenditure during 2011-12                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                        | : Rs. 74994 Lakhs                                                                                                                                                                                                                                                                    |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Expenditure during 2012-13                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                        | : Rs. 20008 Lakhs                                                                                                                                                                                                                                                                    |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Expenditure during 2013-14                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                        | : Rs. 16000 Lakhs                                                                                                                                                                                                                                                                    |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Expenditure during 2014-15                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                        | : Rs. 2913 Lakhs (upto 06/14)                                                                                                                                                                                                                                                        |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Total Expenditure (Upto 06/14)                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                        | : Rs. 118564 Lakhs                                                                                                                                                                                                                                                                   |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Approval date:                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                        | : NA                                                                                                                                                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Zero date:                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                        | : 04.12.10                                                                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Notice To Proceed (NTP)                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                        | : 04.12.10                                                                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Financial closure                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                        | : Achieved                                                                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Main Plant Order                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                        | : 20.09.10, 04.12.10 And 23.10.10 on M/s BETA Infraprop (P) Ltd (EPC Basis) through ICB route.                                                                                                                                                                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | BTG Make                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                        | GTGs# GE, France(6FA), HRSGs# Thermax (India).and STGs are from HTC China                                                                                                                                                                                                            |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | BOP Package                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                        | : Reputed Indian Vendors                                                                                                                                                                                                                                                             |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Type of fuel                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                        | : Natural Gas                                                                                                                                                                                                                                                                        |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | PPA                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                        | Yet to be signed                                                                                                                                                                                                                                                                     |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Source and supply of Fuel                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                        | Domestic Gas from D-6, KG Basin (Right now E-Bidding RLNG)                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Power Evacuation system                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                        | Connectivity of the plant with 220/132kV Mahua Khera Ganj substation has been approved. LILO of 220kV circuit from 400kV Kashipur to 220 kV Mahua Khera Ganj is nearing completion. Long Term Access (LTA) from 220kV/132kV Mahua Khera Ganj sub-station has been approved by PGCIL. |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | <ul style="list-style-type: none"><li>FSA yet to be signed</li><li>All statutory clearances are available.</li><li>All the BOPs are either already completed or nearing completion.</li><li>Both the gas conditioning skids are yet to be made ready.</li><li>Gas in gas pipeline charged upto GAIL skid inside the project.</li><li>Availability of startup power is expected by 09/16.</li><li>Switchyard with control room is ready.</li></ul> |                                                                                        |                                                                                                                                                                                                                                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Critical issues   |                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Availability of Gas<br>Developer is planning to participate in next e-auction of RLNG. |                                                                                                                                                                                                                                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Reasons for Delay |                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Non-availability of Gas.                                                               |                                                                                                                                                                                                                                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |

# **Western Region**

## BROAD STATUS OF THERMAL POWER PROJECTS IN CHHATTISGARH

| Sl. No.                         | Project Details                           | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Capacity (MW) | Commissioning Schedule |       |                        |                            | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               | Original               |       | Actual(A)/ As Expected |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                 |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               | Syn.                   | Comm  | Syn.                   | Comm. COD                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| State Sector                    |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 1.                              | Korba West Extn St-III TPS, (Dist: Korba) | U-5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 500           | 02/12<br>05/12         | 06/12 | 18.02.13 (A)           | 22.03.13(A)<br>28.10.13(A) | <b>Unit-5</b><br><b>Boiler:</b> Boiler erection started on 24.05.10 and Boiler drum lifted on 29.11.10. Hyd. Test (Non-drainable) completed on 30.08.12. BLU completed on 30.09.12. EDTA completed on 26.11.12. SBO completed on 24.01.13. Unit Synchronized on 18.03.13 and Full Load achieved on 22.03.13. COD achieved on 28.10.13.<br><br>• <b>TG:</b> Condenser erection started on 27.04.11. TG boxed up in 11/12 and oil flushing completed. TG on Barring gear 31.01.13. |
| Est. approved cost              |                                           | : Rs. 230934 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Latest Cost                     |                                           | : Rs.315600 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Latest Cost Under Rev)          |                                           | : Rs. 367100 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Exp. Upto 03/07                 |                                           | : Rs. 1802.6 lakha                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Exp. During 07-08               |                                           | : Rs Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Exp. During 08-09               |                                           | : Rs 21148.50 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Exp. During 09-10               |                                           | : Rs 35625.55 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Exp. During 10-11               |                                           | : Rs.59844 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Exp. During 11-12               |                                           | : Rs 96679 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Exp. During 12-13               |                                           | :Rs. 68090 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Exp. During 13-14               |                                           | :Rs. 42383 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Exp. During 14-15               |                                           | :Rs. 217 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Total Cumm. Exp. ( up to 05/14) |                                           | : Rs 325790 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Approval date:                  |                                           | 13.09.02 for 2*250 MW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Zero date:                      |                                           | 11.04.08/31.12.08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Financial closure               |                                           | 31.03.08 (PFC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Main Plant Order                |                                           | : BTG on BHEL on 27.03.08<br>LOA issued on 11.04.08 on BHEL ( for supply and erection , testing and commissioning of BTG. Electrical and station C&I Package)                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| BOP Package                     |                                           | LOI issued for other BOPs through ICB route on M/s Tech pro on 25.08.09.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Type of fuel                    |                                           | Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Power Evacuation system         |                                           | At 400kV (DCDS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                 |                                           | <ul style="list-style-type: none"><li>• <b>Land:</b> 100% land is under physical possession.</li><li>• <b>MOE&amp;F:</b> obtained on 23.6.05 for 2x300 MW</li><li>• <b>Civil Aviation:</b> obtained for 275 M height of chimney on 15.01.09.</li><li>• <b>Water:</b> CWC clearance obtained on 8.4.2004 and water allocation - 05.10.05, 26 MCM/year</li><li>• <b>Coal linkage:</b> Coal linkage &amp; NAAI clearance is available.- 04.02.03,2.5 MMT/year</li></ul>                                                                                                            |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Critical issues                 |                                           | MOP has been requested to grant of Mega Status.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Reasons for Delay               |                                           | Initial delay due to Change of award of Chimney. Delay in execution of BOP package. As the firm could not proceed due to status quo ordered by Hon’ble High Court of C.G on 26.08.09. Effective date has to be shifted from 25.08.09 to 10.12.09.Light-up was delayed due to readiness of Chimney. Schedule was 09/2011 , Now completed on 30.09.12 with temporary chimney. ABB stopped supply of cables and not doing erection work The work was allotted to M/s ABB by M/s Indu sub-vendor of M/s Techpro (Fund flow problem). Supply & laying of HT & LT cable are continue. |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

| Sl. No. | Project Details                                  | Unit | Capacity (MW)                                                                                                                                                                                                                                                                                                                                                                                           | Commissioning Schedule |       |                        |                             | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|---------|--------------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|         |                                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                         | Original               |       | Actual(A)/ As Expected |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         |                                                  |      |                                                                                                                                                                                                                                                                                                                                                                                                         | Synch Comm             | COD   | Syn.                   | Comm COD                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| 2.      | Marwa TPS (Dist: JanjgirChampa, CG) Chattisgarh) | 1    | 500                                                                                                                                                                                                                                                                                                                                                                                                     | 05/12                  | 09/12 | 21.12.13 (A)           | 30.03.14 (A)<br>31.03.16(A) | <p><b>Unit-1</b><br/><b>Boiler:</b> Boiler erection started on 15.02.10. Boiler drum lifted on 06.08.10. HT completed on 05.10.11. Non Drainable HT completed. BLU completed on 14.01.13. EDTA completed on 28.06.14. SBO completed. Unit synchronized on 20.12.13 and <b>full achieved on 30.03.14. COD achieved on 31.03.16.</b></p> <p><b>TG:</b> TG deck completed. TG erection started on 13.03.11. TG boxed-up. TG on Barring gear on 27.11.13.</p> <p><b>Unit-2</b><br/><b>Boiler:</b> Boiler erection started on 24.04.10 Boiler drum lifted on 6.3.11. HT Completed on 06.09.12 (Drainable. BLU completed on 08.05.14. EDTA Cleaning completed on 28.06.14. SBO completed on 03.10.14. <b>Unit Synchronized with oil on 31.03.15 and unit was synchronized with coal on 15.07.16 and achieved a load of 176 MW due to problem in CW system unit was shut down. On 17.06.16, the unit is running continuously 250 MW with one pass of CW system. Full Load Achieved on 15.07.16. COD achieved on 31.07.16.</b></p> <p><b>TG:</b> TG deck completed. <b>TG erection started on 18.10.11. TG lub oil flushing completed. TG boxed –up in 07/14. TG put on Barring gear on 16.01.15.</b></p> <p>Supply of material started by BHEL. About 12245604.4953 MT boiler material, 19606.3231 MT of ESP material and 19074.33857 MT of Turbo generator material was received at site as on 31.05.16</p> |  |
|         |                                                  | 2    | 500                                                                                                                                                                                                                                                                                                                                                                                                     | 07/12                  | 11/12 | 30.03.15 (A)           | 15.07.16 (A)<br>31.07.16(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Dt of App. by State Govt                         |      | : 18.01.08                                                                                                                                                                                                                                                                                                                                                                                              |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Permission to establish                          |      | : Obtained on 05.05.08.                                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Est. approved cost (11/08)                       |      | : Rs. 473500 lakhs                                                                                                                                                                                                                                                                                                                                                                                      |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Latest cost (02/09)                              |      | : Rs. 527730 lakhs                                                                                                                                                                                                                                                                                                                                                                                      |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Latest cost                                      |      | : Rs. 708600 lakhs                                                                                                                                                                                                                                                                                                                                                                                      |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Exp. Upto 03/07                                  |      | : Rs 496.16 lakhs                                                                                                                                                                                                                                                                                                                                                                                       |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Exp. During 07-08                                |      | :Rs 321 Lakhs                                                                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Exp. During 08-09                                |      | : Rs 39175 lakhs                                                                                                                                                                                                                                                                                                                                                                                        |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Exp. During 09-10                                |      | : Rs 49580 lakhs                                                                                                                                                                                                                                                                                                                                                                                        |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Exp. During 10-11                                |      | : Rs.97910 lakhs                                                                                                                                                                                                                                                                                                                                                                                        |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Exp During 11-12                                 |      | : Rs 143458 Lakhs                                                                                                                                                                                                                                                                                                                                                                                       |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Exp During 12-13                                 |      | : Rs 130726 lakhs                                                                                                                                                                                                                                                                                                                                                                                       |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Exp During 13-14                                 |      | : Rs 113769 lakhs                                                                                                                                                                                                                                                                                                                                                                                       |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Exp During 14-15                                 |      | : Rs. 96421 lakhs                                                                                                                                                                                                                                                                                                                                                                                       |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Exp During 15-16                                 |      | : Rs 108549 lakhs                                                                                                                                                                                                                                                                                                                                                                                       |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Exp During 16-17 (up to 05/16)                   |      | : Rs. 41040 lakhs                                                                                                                                                                                                                                                                                                                                                                                       |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Total Cumm. Exp. ( up to 07/16)                  |      | : Rs. 821445 lakhs                                                                                                                                                                                                                                                                                                                                                                                      |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Zero date:                                       |      | : 11.04.08 for BTG and 25.08.09 for BOPs. <b>Order for civil works Placed on BHEL on 31.12.08 which is considered as zero date.</b>                                                                                                                                                                                                                                                                     |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Financial closure                                |      | : 31.03.08                                                                                                                                                                                                                                                                                                                                                                                              |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Main Plant Order                                 |      | : BTG on BHEL on 11.04.08 (supply, erection & commissioning of BTG and Electrical & C&I)<br>BTG associated civil Works-M/S BHEL on 31.12.08                                                                                                                                                                                                                                                             |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | BOP Package                                      |      | : BOPs ordered on EPC on M/s BGR on 25.08.09                                                                                                                                                                                                                                                                                                                                                            |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Type of fuel                                     |      | : Coal                                                                                                                                                                                                                                                                                                                                                                                                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | PPA                                              |      | : MoU has been signed with CSPDCL for sale of 100% power.                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | FSA                                              |      | LOA received for taper linkage from SECL for 4.62 mtpa on 12.09.08. Coal linkage should be revised to minimum 5.00 mtpa. FSA has been signed with SECL on 04.09.13 against taper linkage with parsa coal block. This block has been deallocated by the order of Hon’ble Supreme court. Further Gare Palma Sector-III coal block has been allocated by MOC with mineable reserve of 134 MT.              |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|         | Power Evacuation system                          |      | Work of power evacuation is being taken up by CSP Trans. Co.Ltd..<br>i) Order placed for 400kV Marwa-Raipur DCDS line and route survey completed.<br>ii) Construction of 400 kV Korba (W)- Khedamara DCDS line is in progress which shall be made in/out at Marwa.<br>iii) 220 kV DCDS I/C Marwa-Champa line- profile is approved and order placed.<br>iv) 220 kV DCDS Marwa- Bilaspur line is proposed |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> <li>1. Order issued to M/s BHEL for supply, erection, Testing &amp; commissioning of BTG, Electrical and C&amp;I of Rs. 1942 crores on 11.04.08. Civil works associated in BTG package issued on BHEL on 31.12.08.</li> <li>2. MOE&amp;F clearance obtained on 05.02.08.</li> <li>3. Syn. of unit-1 is in 05/12 and COD is in 09/12 (45 months) and Syn. of unit-2 is in 07/12 and COD is in 11/12 (47 months).</li> <li>4. M/s Development Constructions Pvt.Ltd (DCPL, Kolkata) has appointed as consultants</li> <li>5. NOC from AAI for new Chimney obtained on 12.05.09.</li> <li>6. Construction of RCC Chimney and stack elevators work awarded to M/s Prasad &amp; company, HYd., on 04.03.10 by BHEL- PSER.</li> <li>7. BTG civil works awarded to M/s Bride &amp; roof, Kolkata on 24.08.09. TG foundations under progress. M/s Indwell has been awarded for boiler erection agency by BHEL-PSER and erection work started on 15.02.10.</li> <li>8. 422.692 Ha Pvt., Govt. land awarded and payment of compensation is in progress. 114.355 Ha forest land –Stage-I clearance is obtained. Stage-II clearance is in progress. (i) PH area- 69.655 ha acquired/available, 124.658 ha – Awarded/Allotted. (ii) Ash Dyke &amp; colony – Awarded, Disbursement of compensation in progress. (iii) Afforestation land 118.35 ha Awarded.</li> </ol> |                                                                                                                                                                                                                                                                                                     |
| Critical issues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Readiness of Railway siding, CHP, AHP-fly ash handling system, HCSD silo, Pump house etc., Cooling Tower commission pending.                                                                                                                                                                        |
| Reasons for Delay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Initial delay is due to change in award of Chimney package. Delay in readiness of BOPs (CHP, AHP & 400 KV Switchyard etc.,) and Law & Order problems, pilferage of material etc.<br>Shortage of man power by M/s BGR .Fire accident in coal handling plant. Damage of butterfly valve in CW system. |

| Sl. No.        | Project Details                                                                                                                      | Unit                                                                                                                                                                                                                                                                                     | Cap.<br>(MW)     | Commissioning Schedule |       |                        |                             | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------|-------|------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                |                                                                                                                                      |                                                                                                                                                                                                                                                                                          |                  | Original               |       | Actual(A)/ As Expected |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                |                                                                                                                                      |                                                                                                                                                                                                                                                                                          |                  | Synch                  | Comm  | Syn.                   | Comm.<br>COD                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Private Sector |                                                                                                                                      |                                                                                                                                                                                                                                                                                          |                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 3              | Akaltara(Nariyara) TPP,<br>(Distt: jangir-Champa)<br>M/s KSK Mahanadi<br>Power Company<br>Ltd.(Formerly Wardha<br>Power Company Ltd) | U-1<br>(U-3)                                                                                                                                                                                                                                                                             | 600              | 02/12                  | 04/12 | 18.05.13<br>(A)        | 13.08.13 (A)<br>14.08.13(A) | <b>Unit-1 (U-3)</b><br><b>Boiler:</b><br>1. Boiler erection started on 01.09.10. Boiler Drum lifted on 29.04.11. Boiler HT (Non-Drainable) completed on 06.07.12. Boiler Chemical cleaning completed on 12.04.13 and insulation work completed. BLU completed on 10.04.13. EDTA. SBO completed on 24.04.13 <b>Oil synch. Completed on 18.05.13 Full load achieved on 13.08.13. COD achieved on 14.08.13</b><br><br><b>TG:</b><br>TG Deck casting completed on 05.10.11. TG erection started on 16.04.12. TG boxed up on 06.11.12. TG oil flushing completed on 17.01.13<br><br><b>Unit-2 (U-4)</b><br><b>Boiler.</b><br>Boiler erection started on 01.12.10. Boiler Drum lifted 19.06.11. Boiler HT (Non-Drainable) completed on 11.05.13. BLU completed on 17.05.14. SBO completed on 07.07.14. Oil synchronized on 08.08.14. Full load achieved on 22.08.14. COD achieved on 26.08.14<br><br><b>TG:</b><br>TG Deck casting completed on 20.02.12. TG erection started on 07.11.12. TG boxed up on 30.06.14. TG oil flushing completed. TG Barring gear completed in 07/14.<br><br><b>Unit-3 (U-2)</b><br><b>Boiler.</b><br>Boiler erection started on 01.04.11. Boiler Drum lifted on 29.04.12. Boiler HT (Non-Drainable) is expected in 10/16. BLU is expected in 12/16. SBO completion is expected in 1/17. Oil synch. is expected in 03/17. Full load is expected in 03/17.<br><br><b>TG:</b><br>TG Deck casting completed. TG erection started. TG box up is expected in 1/17. TG oil flushing completion is expected in 1/17.<br><br><b>Unit-4 (U-5)</b><br><b>Boiler.</b><br>Boiler erection started on 08.12.11. Boiler Drum lifted on 31.08.16. Boiler HT (Non-Drainable) is expected in 03/17. BLU is expected in 05/17. SBO completion is expected in 06/17. Oil synch. is expected in 06/17. Full load is expected in 05/17<br><br><b>TG:</b><br>TG Deck casting completed on 06.10.12. |
|                |                                                                                                                                      | U-2<br>(U-4)                                                                                                                                                                                                                                                                             | 600              | 06/12                  | 08/12 | 08.08.14<br>(A)        | 22.08.14 (A)<br>26.08.14(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                |                                                                                                                                      | U-3<br>(U-2)                                                                                                                                                                                                                                                                             | 600              | 10/12                  | 12/12 | 12/16                  | 03/17                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                |                                                                                                                                      | U-4<br>(U-5)                                                                                                                                                                                                                                                                             | 600              | 02/13                  | 04/13 | 04/17                  | 06/17                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                |                                                                                                                                      | U-5<br>(U-1)                                                                                                                                                                                                                                                                             | 600              | 06/13                  | 08/13 | 12/17                  | 03/18                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                |                                                                                                                                      | U-6                                                                                                                                                                                                                                                                                      | 600              | 10/13                  | 12/13 | 03/17                  | 06/18                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                |                                                                                                                                      | Org.Est. cost                                                                                                                                                                                                                                                                            | :Rs.1619000 Lakh |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                | Latest Cost                                                                                                                          | : Rs. 2287448 lakhs                                                                                                                                                                                                                                                                      |                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                | Exp. During 10-11                                                                                                                    | : Rs. 45529.8 Lakh                                                                                                                                                                                                                                                                       |                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                | Exp. During 11-12                                                                                                                    | : Rs. 821600 Lakh                                                                                                                                                                                                                                                                        |                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                | Exp. During 12-13                                                                                                                    | : Rs. 222416 lakhs                                                                                                                                                                                                                                                                       |                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                | Exp. During 13-14                                                                                                                    | : Rs.209517 lakhs                                                                                                                                                                                                                                                                        |                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                | Exp. During 14-15                                                                                                                    | : Rs.164917 lakhs                                                                                                                                                                                                                                                                        |                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                | Exp. During 15-16<br>(Up to 08/15)                                                                                                   | : Rs. 90320 lakhs                                                                                                                                                                                                                                                                        |                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                | Total Exp.( upto 09/16)                                                                                                              | :Rs.1554300 Lakhs                                                                                                                                                                                                                                                                        |                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                | Approval date:                                                                                                                       | NA                                                                                                                                                                                                                                                                                       |                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                | Zero date:                                                                                                                           | : 21.04.09                                                                                                                                                                                                                                                                               |                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                | Financial closure                                                                                                                    | : Achieved on 30.03.10                                                                                                                                                                                                                                                                   |                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                | EPC Order                                                                                                                            | : EPC ordered on 21.01.09 on SEPCO (China)                                                                                                                                                                                                                                               |                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                | Package(BTG)                                                                                                                         | (Boiler-Shanghai Boiler Works, China),<br>(TG-Dong fang Electric Company, China)                                                                                                                                                                                                         |                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                | Type of fuel                                                                                                                         | Coal                                                                                                                                                                                                                                                                                     |                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                | PPA                                                                                                                                  | PPA: PPA signed with Gujarat Urja Vikas Nigam Ltd for 1010 MW on 03.06.10.<br>PPA signed with APCPDCL for 400 MW on 31.07.12.<br>PPA signed with CSP Trade Co for 225 MW on 18.10.13<br>PPA signed with TANGEDCO for 500 MW on 27.11.13<br>PPA signed with UPPCL for 1000 MW on 26.02.14 |                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                | Power Evacuation system                                                                                                              | Power is to be evacuated to PGCIL pooling station through 400kV transmission system. Final bulk power transmission agreement signed with PGCIL on 25.02.10.                                                                                                                              |                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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|                          | <ul style="list-style-type: none"> <li>• <b>Land:</b> Complete land for the project is under possession.</li> <li>• <b>MOE&amp;F:</b> Received on 19.10.09<br/>State Pollution Control Board: Chhattisgarh Environment Conservation Board (CECB) granted “consent for Establishment” for 6x600 MW on 16.02.10.<br/>State pollution Control Board Clearance: Chhattisgarh Environment Conservation Board (CECB) has granted ‘Consent for Establishment for 6x600 MW power plant of WPCLCG on 16.02.10.</li> <li>• <b>Civil Aviation:</b> NOC received on 12.05.09.</li> <li>• <b>Water:</b> Water Resources Department, Govt., of Chhattisgarh has allocated 100 MCM of water /year from Mahanadi River from proposed anicut at Basantpur.</li> <li>• <b>Coal linkage:</b> SECL (Tapering coal linkage to 3x600MW only) Letter of Assurance(LOA) for tapering coal linkage to 3x600 MW has been granted by SECL on 11.06.09. FSA has been executed with SECL on 19.03.14 for 2 units. Tapering FSA for U-3 has been executed with Eastern Coalfields Ltd on 12.08.14.</li> <li>• <b><u>As per the letter dated 18.10.16</u></b></li> </ul> <p>Coal blocks of Gujarat and Goa linked to the power project for cancelled by Supreme court. Tapering linkage granted for 1800 MW was also cancelled by the Ministry of Coal on 30.06.13. Long term coal linkage is required for the power project, for which policy is under formulation with GOI.</p> | <p>TG erection start is expected in 1/17. TG box up is expected in 02/17.</p> <p><b><u>Unit-5 (U-1)</u></b><br/><b>Boiler:</b><br/>Boiler erection started on 06.02.12. Boiler Drum lifting is expected in 06/17. Boiler HT (Non-Drainable) is expected in 12/17. BLU is expected in 02/18. SBO completion is expected in 9/17. Oil synch. is expected in 03/18. Full load is expected in 03/18.</p> <p><b>TG:</b><br/>TG Deck casting completion is expected in 08/17. TG erection start is expected in 09/17. TG box up is expected in 01/18.</p> <p><b><u>Unit-6</u></b><br/><b>Boiler:</b><br/>Boiler raft casting completed. Boiler erection start expected in 05/17. Boiler Drum lifting is expected in 09/17. Boiler HT (Non-Drainable) is expected in 03/18. BLU is expected in 05/18. Oil synch. is expected in 06/18. Full load is expected in 06/18.</p> <p><b>TG:</b><br/>TG raft casting completed and column casting is in progress. Deck casting completion is expected in 10/17. TG erection start is expected in 12/17. TG box up is expected in 05/18.</p> <p><b>BoPs:</b><br/><b>Chimney- 1:</b> Chimney shell casting 270 m completed. Flue cane erection completed.<br/><b>Chimney-2:</b> Shell casting 270 m completed. Flue can fabrication &amp; erection completed.</p> <p><b>CHP:</b> Major civil work is completed for phase 1&amp; 2<br/><b>AHP:</b> All work of silos completed. U-3 &amp; 4 fly ash is continuously filled in these silos and evacuation and other regular operations are carried out on a day to day basis. Ash dyke work is completed and in use. Civil work of unit 2 to 6 are in progress as per site requirement.</p> <p><b>Raw Water Supply System:</b> Water Resources Department, Govt., of Chhattisgarh has allocated 100 MCM of water /year from Mahanadi River from proposed anicut at Basantpur.</p> <p><b>PT/ DM Plant:</b> Three streams are commissioned and in operation.</p> <p><b>CW System:</b> majority of work has been completed.</p> <p><b>IDCT:</b> IDCT for U-1 &amp; 2 are in service and for rest of unit's erection works are in progress.</p> <p><b>FOPH:</b> Fuel oil distribution system completed.</p> <p><b>Switchyard:</b> Back charging of 400kV switchyard completed on 27-08-2012. Control building in service.</p> |
| <b>Critical issues</b>   | Coal Linkage to remaining 3 units.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Reasons for Delay</b> | Delay due to shortage of manpower and agitations by Villagers. Supply of material due to shortage of funds.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

| Sl. No.           | Project Details                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Capacity (MW) | Commissioning Schedule |       |                        |                            | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               | Original               |       | Actual(A)/ As Expected |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               | Synch                  | Comm  | Syn.                   | Comm                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 4.                | Uchpinda TPP<br>Unit-1(Ph-I)<br>Unit-2,3&4(Ph-II)<br>R.K.M Power, Janjgir<br>Champa District,<br>Chhattisgarh                                                                                                                                                                                                                                                                                                                                                                | U-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 360           | 03/12                  | 05/12 | 28.02.15 (A)           | 28.10.15(A)<br>26.11.15(A) | <b>Unit-1</b><br>Boiler: Boiler erection started on 03.09.11. Boiler drum lifted on 22.04.12. HT test conducted on 07.09.13. BLU done on 08.11.14..SBO completed on 03.01.15. Unit synchronized on 28.02.15. Consent to operate received on 17.07.15. Full Load achieved on 28.10.15. COD on 27.11.15<br>TG: TG erection started in 10/12. TG box up completed on 02.09.14. TG oil flushing completed 07/14. TG barring gear on 09.12.14..<br><b>Unit-2</b><br>Boiler: Boiler erection started on 12.12.11 .Boiler drum lifted on 30.04.12. HT conducted on 07.11.13. Non drainable HT done on 27.03.14. BLU done on 17.04.15. SBO completed on 25.10.15. Unit Synchronized on 07.01.16. Coal fired on 07.01.16. . Consent to operate received from State Govt. 01.01.16. Full Load achieved on 28.01.16 and COD achieved on 12.02.16.<br>TG: TG erection started on 16.03.14. TG boxed up in 04/2015. TG Oil Flushing Completed in 07/15. TG on barring Gear in 07/15. |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | U-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 360           | 09/12                  | 11/12 | 07.01.16 (A)           | 28.01.16(A)<br>12.02.16(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | U-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 360           | 12/12                  | 02/13 | 09/16                  | 12/16                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | U-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 360           | 05/13                  | 07/13 | 12/16                  | 05/17                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Org.Est. cost / latest cost ( Ph-I- 148750 lacs/ 263835 lacs Ph-II – 516611 lacs / 914616 lacs )                                                                                                                                                                                                                                                                                                                                                                             | : Rs. 665361 Lacs /1037733 lakhs/ 1178451                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Latest cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : Rs. 1037733 Lacs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Exp. During 07-08                                                                                                                                                                                                                                                                                                                                                                                                                                                            | : Rs. 1270 Lacs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Exp. During 08-09                                                                                                                                                                                                                                                                                                                                                                                                                                                            | :Rs. 12311 Lacs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Exp. During 09-10                                                                                                                                                                                                                                                                                                                                                                                                                                                            | : Rs. 37363 Lacs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Exp. During 10-11                                                                                                                                                                                                                                                                                                                                                                                                                                                            | : Rs. 67641 lacs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Exp. During 11-12                                                                                                                                                                                                                                                                                                                                                                                                                                                            | : Rs. 153338 lacs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Exp. During 12-13                                                                                                                                                                                                                                                                                                                                                                                                                                                            | : Rs. 277291 lacs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Exp. During 13-14                                                                                                                                                                                                                                                                                                                                                                                                                                                            | : Rs. 255521 lacs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Exp. During 14-15                                                                                                                                                                                                                                                                                                                                                                                                                                                            | : Rs. 119057 lacs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Exp. During 15-16                                                                                                                                                                                                                                                                                                                                                                                                                                                            | : Rs 99890 lacs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Exp. During 16-17                                                                                                                                                                                                                                                                                                                                                                                                                                                            | : Rs 43518 lacs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Cumm Exp. (Up to 11/16)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : Rs.1066302 lacs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Zero date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : 01.06.09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Financial closure                                                                                                                                                                                                                                                                                                                                                                                                                                                            | : 07.06.10 (Ph-II)<br>02.01.09 (Ph-I)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Main Plant Order                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 06/09. on M/s MIPP International.<br><b>Boiler:</b> China Western<br><b>TG:</b> Harbin                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | BOP Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | GM technical services, Ph-1 & 2 18.01.2011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Type of fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | PPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | : Signed with CSEB for 37.5% on 29.09.06 and PTC for sale of 300 MW on 08.05.09. PPA for sale of 350 MW signed with UPPCL on 15.03.16.                                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | Power Evacuation system                                                                                                                                                                                                                                                                                                                                                                                                                                                      | BPTA signed with PGCL on 25.02.10. BG for Rs. 40.95 cr given to PGCL.Detail route survey completed Route alignments completed. TSA agreement signed on 06.08.12                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                   | <ul style="list-style-type: none"><li><b>Land:</b> Total 900 acres’ land acquired. Govt. land: 104 acres &amp; private land 645.51 acres. 94.17 acres Govt. land allocated for green belt development.</li><li><b>MOE&amp;F:</b> Obtained on 26.08.08.</li><li><b>Civil Aviation:</b> AAI issued NOC on 05.09.2008.</li><li><b>Water:</b> 44.83 MCM per annum.</li><li><b>Coal linkage:</b> FSA signed with SECL for Phase-I on 03.09.13 and phase-II on 23.09.13.</li></ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Critical issues   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Very slow erection works in TG area for U-3 and U-4. Consent to operate- High concentrated slurry disposal system to be commissioned and ash pond to be completed- funda of Rs. 40.11 crs required. Tapering coal linkage has been cancelled by SECL. Funds required for U-3 completion -200 crs. And for U-4- Rs. 450 crs. BG to be issued to release FDR amounts paid customs. PPA issue- CSPTCL has expressed inability to offtake power as per PPA. Working Capital required for starting operation of U-1 is 153 cr & for U-2,3,and 4 is 571 cr |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reasons for Delay |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Work suffered due to agitation by villagers. Slow progress of work at site. Delay in readiness of BoPs. Delay in readiness of startup power. Delay due to financial problems. Balance land acquisition for Ash pond and railway line. Consent to operate for U-2,3&4.                                                                                                                                                                                                                                                                                |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

| Sl. No. | Project Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Unit                                                                                                                                                                              | Capacity (MW) | Commissioning Schedule |       |                        |                | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
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|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                   |               | Original               |       | Actual(A)/ As Expected |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                   |               | Synch                  | Comm  | Syn.                   | Comm COD       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| 5       | <b>Lanco Amarkantak Mega TPS ( Pathadi ) (Distt. Korba ) M/s LAP Pvt. Ltd. Phase-II</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3                                                                                                                                                                                 | 660           | 01/12                  | 01/12 | 03/17                  | 01/17<br>02/17 | <b>Unit-3</b> <ul style="list-style-type: none"><li>● <b>Boiler:</b> erection started on 09/10. HT completed on 22.07.16. BLU expected on 1/17.</li><li>● <b>ESP:</b> Pass B ATT completed. Pass C ATT is in u/p.</li><li>● <b>TG:</b> Condenser erection started on 31.05.11 and completed &amp; partially tube leak test completed. TG erection started on 05.12.11 and box up expected in 1/17. Synchronisation expected in 02/17.</li></ul><br><b>Unit-4</b> <ul style="list-style-type: none"><li>● <b>Boiler:</b> Boiler erection started on 12/10. HT expected in 1/17. BLU expected in 03/17.</li><li>● <b>ESP:</b> All 4 passes are under progress.</li><li>● <b>TG:</b> Condenser erection started on 02.11.11. TG Deck casting completed &amp; TG erection started on 05/13 &amp; boxed up expected on 03/17.</li></ul><br><b>BoPs:</b> <ul style="list-style-type: none"><li>● <b>Chimney:</b> Civil work up to 270 m achieved. Flue can erection completed for U-3. Structure erection is 76% completed and Flue can assembly is U/P for U-4.</li><li>● <b>Cooling Tower:</b> 8236cu.M.RCC rafting completed in U-3 and 6475 cu.M in U-4. Deck slab RCC completed for 9 cells &amp; 5 cells respectively in U-3 &amp; 4.</li><li>● <b>CHP:</b> Track hopper and pent house civil work completed. Stacker reclaim foundation work, crusher house, excavation work for wagon tripler, drive house, conveyor is under progress.</li><li>● <b>AHP:</b> RCC work for ASH water sump including Raft and side wall is completed. Foundation of HCSD LP water pumps, flush water HCSD pumps, Eco + AHP water pumps completed. Bottom ASH hopper and fly ash tower foundation completed.</li><li>● <b>Raw Water Supply System:</b> river water intake pump house slab casting completed. RCC work &amp; backfilling completed in forebay. Pump house MCC room- slab casting completed.</li><li>● <b>PT/ DM Plant:</b> PT plant-RCC work is completed. Balance of work like Fire/service pump house, distribution chamber is in progress. DM pant-base plate erection is u/p. One stream vessel erection is completed. Erection of DG water pump, UF feed pump, DMF blower completed</li><li>● <b>CW System:</b> Excavation work is completed. RCC raft for pump foundation completed. Piping 70% fabrication &amp; 60% erection work completed. 146MT CW pipeline erection welding &amp; NDT completed.</li><li>● <b>FOPH:</b> LDO &amp; HFO tank erection &amp; NDT wok completed. Erection of all pumps completed. Piping work is u/p.</li><li>● <b>Switchyard:</b> Switchyard building, electrical panels erection, road drains, switchyard tower and gantry erection, all 14 towers completed. Stringing work and transmission corridor is u/p.</li></ul> |  |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4                                                                                                                                                                                 | 660           | 03/12                  | 03/12 | 09/17                  | 05/17<br>05/17 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | <b>Original Estd. Cost</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rs.688600 Lakhs                                                                                                                                                                   |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | <b>Latest Est. Cost</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Rs.770000 Lakhs<br>Rs. <b>1081524 lakhs</b>                                                                                                                                       |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | Expenditure during 2007-08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rs. 189 lakhs                                                                                                                                                                     |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | Expenditure during 2008-09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rs. 209 lakhs                                                                                                                                                                     |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | Expenditure during 2009-10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rs. 9841 lakhs                                                                                                                                                                    |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | Expenditure during 2010-11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rs.206364 lakhs                                                                                                                                                                   |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | Expenditure during 2011-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rs 262658 lakhs                                                                                                                                                                   |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | Expenditure during 2012-13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rs. 125739 Lakhs                                                                                                                                                                  |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | Expenditure during 2013-14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rs. 12500 Lakhs                                                                                                                                                                   |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | Expenditure during 2014-15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rs. 61445 Lakhs                                                                                                                                                                   |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | Expenditure during 2015-16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rs 165255 Lakhs                                                                                                                                                                   |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | Expenditure during 2016-17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rs 18700 Lakhs                                                                                                                                                                    |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | <b>Total Expenditure up to 08/16</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Rs. 862900 lakhs</b>                                                                                                                                                           |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | <b>Approval date:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                   |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | <b>Zero date:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 17.11.09                                                                                                                                                                          |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | <b>Financial closure</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | : Achieved in March,2011                                                                                                                                                          |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | <b>Main Plant Order</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | : Unit-3 &4: Main plant package (BTG) awarded on 17.11.09 to M/s DEC                                                                                                              |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | <b>BOP Package</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Main plant package (BTG) awarded on 17.11.09 on M/s DEC as vendor and award of contracting agency on 12.11.09 on M/s HTC/HEC.                                                     |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | <b>Type of fuel</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Coal                                                                                                                                                                              |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | <b>PPA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PPA signed with CSP Tradeco for 35% home state share on 04.01. 11                                                                                                                 |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | <b>Power Evacuation system</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LTOA approved and BPTA signed on 24.02.10. Pooling station location at Champa to be confirmed by PGCIL to start survey.                                                           |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | <ul style="list-style-type: none"><li>● <b>Land:</b> Total land requirement for U-1,2,3,&amp;4 is 1395 acres out of which 791 acres already acquired. For the entire balance land, section 4,6 &amp;9 completed. Lease deed is to be registered shortly. (Lease deed signed for 90% of total land with CSIDC, Raipur and balance is Under process).</li><li>● <b>MOE&amp;F:</b> MOEF clearance for unit-3 received on 04.09.08 &amp; renewed on 19.02.14 up to 12/2017 and for Unit-4 on 26.05.10 &amp; renewed on 22.06.15 up to 12/2017.</li><li>● <b>Civil Aviation:</b> NOC for 275 m. Twin flue chimney was obtained on 25.08.08 from AAI.</li><li>● <b>Water:</b> Sanction of Water requirement of 54 MCM from Hasdeo river for U-3 &amp; U-4 received from Govt. of Chhattisgarh.</li><li>● <b>Coal linkage:</b> U-3: LOA issued by SECL on 06.06.09. All milestones achieved. Letter submitted to SECL. FSA signed for U-3 on 27.08.13U-4: LOA issued by SECL on 03.06.10. All milestones achieved. Letter submitted to SECL. FSA signed on 27.08.13.</li></ul> |                                                                                                                                                                                   |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | <b>Critical issues</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Additional land acquisition is in progress.                                                                                                                                       |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|         | <b>Reasons for Delay</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Delay in acquisition of land for water system. Presently no work is going at the site due to financial problems. Commissioning schedule would be assessed after re start of work. |               |                        |       |                        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |

| Sl. No.                  | Project Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                      | Capacity (MW) | Commissioning Schedule |       |                        |                    | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
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|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                           |               | Original               |       | Actual(A)/ As Expected |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                           |               | Syn.                   | Comm  | Syn.                   | Comm COD           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| 6                        | <b>Salora TPP (Katghora Tal; Distt. Korba)</b><br><b>M/s Vandana Vidyut Ltd</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | U-1                                                                                                                                                                                                                                                                                                                                                                                                                                       | 135           | 06/11                  | 06/11 | <b>04.09.13(A)</b>     | <b>10.04.14(A)</b> | <div>• <b>Unit-1 Boiler:</b><br/>Erection of Boiler-1 started in 11/10. Boiler Drum lifted on 23.02.11. HT completed on 28.01.12. Explosive Approval obtained on 22.01.13 BLU completed on 06.03.13. SBO completed. Unit synchronized on 04.09.13. Full load achieved on 10.04.14</div> <div>• <b>TG:</b> TG erection started in 11/11and TG box-up completed in 07/12</div> <div>• <b>Unit-2 Boiler:</b><br/>Boiler erection started in 11/10 and drum lifted in 04/11. HT completed in 10/12. BLU completed in 09/14 and steam blowing completed in 10/14. Delay due to supply of boiler material &amp; CHP material by M/s Cethar Vessels Ltd.and delay in getting of startup power. Delay due to agitation by the villagers at project site.</div> <div>BLU delayed due to problem in main steam valve. The main steam valve was replaced with another new valve on 22.02.13.</div> <div>• <b>TG:</b> erection started in 11/11and TG boxed-up 09/14 and barring gear in 10/14.</div> <div><b>BoPs:</b><br/><div>• <b>Chimney:</b> Flue can erection completed.</div><div>• <b>CHP:</b> Under progress.</div><div>• <b>AHP:</b> Under progress.</div><div>• <b>CW System:</b> Under progress.</div></div> <div><b>Latest Status:</b> Unit Synchronized on 04.09.13. Unit was under shutdown for attending various commissioning problems. On 28.02.14 M/s. Cethar Ltd again send a drawing for modification of the oil gun guide with lug support. The burner problem remains unsolved. The basic reason is that the burners are not supporting properly. As Full load /COD has not been achieved within six months of synchronization as per the regulations of Electricity Act-2003, now they have to get permission from CERC for connectivity and after which WRLDC will give permission for re-synchronization. CERC has given the permission to injection of infirm power to the Grid upto 11.04.14 vide their order dated 14.03.14. V V L has submitted the CERC order to WRLDC for permission to inject the infirm power to the grid on 18.03.14 and got the permission from WRLDC on 20.03.14. Now V V L is trying themselves for completing balance work as Cethar Ltd. is not cooperating.</div> |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | U-2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 135           | 09/11                  | 09/11 | 08/15                  | Uncertain          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | <b>Original Estd. Cost</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | :Rs 1458.44 crores                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | <b>Latest Est. Cost</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | : Rs. 1458.44 Crs.                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | Exp. During 2009-10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | :Rs 14441 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | Exp. During 2010-11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | : Rs . 43617 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | Exp. During 2011-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | : Rs . 88942 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | Exp. During 2012-13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | : Rs . 38000 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | Exp. During 2013-14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | : Rs . 38657 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | Exp. During 2014-15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | : <b>Rs.15032 lakhs</b>                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | <b>Cumm. Exp. ( up to 03/15)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | : <b>Rs.238689 lakhs</b>                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | <b>BOP Package</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LOA has been issued on 21.11.08 on M/s Cethar Vessels Ltd , Thiruchirapalli on BTG basis , Boiler : Cethar Vessels Ltd, Turbine Genarator: M/s Harbine Turbine Co.Ltd, China                                                                                                                                                                                                                                                              |               |                        |       |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | <b>Type of fuel</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Coal                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | <b>PPA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 50 MW to TNEB through NVVN ( Short term basis) for one year. PPA was signed with CSPTCLL on 05.01.11                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | <b>Power Evacuation system</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | : PGCIL granted LTOA & BPTA executed on 24.02.10. LILO line construction is completed. Elect. Inspectorate ,CEA (WR) has given approval for LILO and 400 kV switchyard on 04.08.12.                                                                                                                                                                                                                                                       |               |                        |       |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | <div>• <b>Land:</b> Land : Required 261 Ha , Possession : 260.899 Ha.</div> <div>• <b>MOE&amp;F:</b> obtained on 09.06.09.and State pollution clearance obtained on 09.03.09</div> <div>• <b>Civil Aviation:</b> clearance obtained on 24.04.09</div> <div>• <b>Water:</b> 18 MCM Water allocated by WRD, Govt.of C.G from Hasdeo River</div> <div>• <b>Coal linkage:</b> Allocation of coal is from Fatehpur East Coal Block ( Jointly) allotted by MOC and tapering coal linkage granted for 2x135 MW on 29.01.10 from SLC, LT meeting of MOC, for 2<sup>nd</sup> phase of 1x270 MW under process with MoC. Carpet coal recommended for CEA for startup of 1<sup>st</sup> unit.</div> |                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| <b>Critical issues</b>   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Start up / carpet coal MOU is pending with SECL. FSA execution is pending with SECL Turbine -2 was ready from last 9 months ( as on 09/14), For commissioning HEC/HTC Engineers are required. AVR Feed back Card- pending from long time, LVDT replacement- All the LVDT are not working. Rotor stoppage alarm panel to be supplied, supply of Technical data sheet of TG instruments and ISCAN-2 for Unit-2 as per letter dated in 09/14 |               |                        |       |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| <b>Reasons for Delay</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Delay in commissioning of U-1.Agitation by villagers at site. Delay in sullypy of BTG and CHp material. Non corporation of BTG supplier in commissioning activities. Acquisition for railway siding and ash pond.                                                                                                                                                                                                                         |               |                        |       |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |

| Sl. No.           | Project Details                                                                                                                                                                                                                                                                                                                                                  | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Capacity (MW) | Commissioning Schedule |       |                        |                            | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
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|                   |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               | Original               |       | Actual(A)/ As Expected |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               | Synch                  | Comm  | Syn.                   | Comm COD                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| 7                 | Nawapara TPP (TRN TPP), (Distt: Raigarh) M/s TRN Energy Pvt Ltd.                                                                                                                                                                                                                                                                                                 | U-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 300           | 11/13                  | 12/13 | 31.05.16 (A)           | 14.08.16(A)<br>19.08.16(A) | <b>Unit-1</b><br>• <b>Boiler</b><br>Boiler erection started on 01.10.12.<br>Boiler Drum lifted on 30.03.13.<br>Boiler HT completed on 28.03.14<br>BLU completed on 25.12.15<br>Steam blowing completed on 07.01.16.<br>Oil Synchronized on 31.05.16<br>Unit synchronized with coal on 20.06.16<br>Full load achieved on 14.08.16<br><br>• <b>TG</b><br>Condenser erection started on 04/14.<br>TG erection started in 01.06.14.<br>TG Boxed up on 08/ 12/15.<br>TG put on barring gear in 12/15 insulation & cladding work completed. Condenser charged.<br><br><b>Unit-2</b><br>• <b>Boiler</b><br>Boiler erection started in 06.03.13<br>Boiler Drum lifted on 21.09.13<br>Boiler HT completed on 28.08.15<br>BLU completed on 23.10.16.<br>SBO completed in 1/17.<br>Oil Synch. Expected in 02/17.<br>Full load in 02/17.<br><br>• <b>TG</b><br>Condenser erection started on 08.07.15. TG erection started on 01.07.15. TG Box up on 20.11.16. TG oil flushing on 22.11.16. TG on Barring Gear on 24.11.16.<br>Sync is lagging due to some missing TG material.<br><br><b>BoPs:</b><br><br>• <b>Chimney:</b> All work completed.<br>• <b>CHP:</b> All work completed.<br>• <b>AHP: All work completed.</b><br><br>• <b>Raw Water Supply System:</b> RWPH is 17 Km from site, RWPH civil works along with pipe line to be taken up. CWPB: Excavation under progress ( 2+2+1 and 6.6kV )<br>Reservoir excavation work is under progress.<br><br>• <b>CW System:</b> For both units completed.<br>• <b>IDCT-I:</b> commissioned <b>IDCT-II:</b> Work in progress<br>• <b>PT &amp; DM Plant:</b> commissioned.<br>• <b>FOHS :</b> LDO & HFO system operational.<br>• <b>Switchyard:</b> Switchyard charged and switchyard control building foundation under progress |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                  | U-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 300           | 03/14                  | 04/14 | 11/16                  | 02/17                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                   | Org.Est. cost / Latest Cost                                                                                                                                                                                                                                                                                                                                      | :Rs. 284400 Lakhs/ 372597 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                   | Exp. During 11-12                                                                                                                                                                                                                                                                                                                                                | : Rs. 27800 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                   | Exp during 12-13                                                                                                                                                                                                                                                                                                                                                 | : Rs. 40523 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                   | Exp during 13-14                                                                                                                                                                                                                                                                                                                                                 | : Rs. 121353 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                   | Exp during 14-15                                                                                                                                                                                                                                                                                                                                                 | :Rs. 78824 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                   | Exp during 15-16                                                                                                                                                                                                                                                                                                                                                 | : Rs 35400 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                   | Exp during 16-17                                                                                                                                                                                                                                                                                                                                                 | Rs. 42755 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                   | Cumm. Exp ( 11/16)                                                                                                                                                                                                                                                                                                                                               | : Rs 346655 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                   | Approval date:                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                   | Zero date:                                                                                                                                                                                                                                                                                                                                                       | 27.06.11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                   | Financial closure                                                                                                                                                                                                                                                                                                                                                | Achieved on 18.12.09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                   | Main Plant Order                                                                                                                                                                                                                                                                                                                                                 | : BTG Contract awarded on 27.01.11 to M/s China Western Power Co.Ltd.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                   | BOP Package                                                                                                                                                                                                                                                                                                                                                      | The order for main plant civil & structural work and all the BOPs on EPC basis have already been placed on M/s BGR Energy Systems Ltd. on 09.06.11. The EPC contract covers all the onshore supplies, civil works, erection and commissioning of the project.                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                   | Type of fuel                                                                                                                                                                                                                                                                                                                                                     | Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                   | PPA                                                                                                                                                                                                                                                                                                                                                              | Entered with Chhattisgarh State Power Trading Company Ltd. For 35% power in accordance with MOU with Govt. of Chhattisgarh. In case-1 bidding with UPPCL, TRN was in 2nd position.(L2) for 390 MW. PPA is with PTC on take or pay basis.<br>As per Letter dated 13.01.14<br>Signed back to back PPA with PTC for supply of 390 MW to UPPCL on 25.07.13 and 5% of net power i.e 30 MW to be signed with CSPTCo. Ltd.<br>As per Letter dated 28.04.16<br>Already signed PPA for sale of 5% of net power with C.S.P.T.Co on 26.05.15. Further, signed with UPPCL for sale of 390 MW . |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                   | Power Evacuation system                                                                                                                                                                                                                                                                                                                                          | BPTA has signed with PGCIL for Raigarh Pooling Station (Tamnar) on 11.04.11 for 400 MW.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                   | <ul style="list-style-type: none"><li>• <b>Land:</b> Land is in possession.</li><li>• <b>MOE&amp;F:</b> clearance has been received on 18.03.11</li><li>• <b>Civil Aviation:</b> Clearance received on 24.02.12</li><li>• <b>Water:</b> 19 McM has been allocated by W.R. Dept., Chhattisgarh.</li><li>• <b>Coal linkage:</b> FSA signed on 23.11.2013</li></ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Critical issues   |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Reasons for Delay |                                                                                                                                                                                                                                                                                                                                                                  | Delay in start of Civil works. Slow progress in erection works of Boiler and T.G. Manpower shortage.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |

| Sl. No.           | Project Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Capacity (MW) | Commissioning Schedule |       |                        |           | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
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|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               | Original               |       | Actual(A)/ As Expected |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               | Synch                  | Comm  | Syn.                   | Comm COD  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| 8                 | Deveri TPP Raigarh TPP (Visa)<br>(VISA Raigarh STPP, Ph-I.)<br>(Distt: Jangir Champa)<br>M/s VISA Power Ltd.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | U-1                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 600           | 06/13                  | 08/13 | Uncertain              | Uncertain | <ul style="list-style-type: none"><li><b>Unit-1</b></li><li><b>Boiler:</b><br/>Boiler erection started on 30.09.11. 8th tier erection completed. Ceiling girder A, B, C, D, E&amp; F erection completed. Work held up due to financial Problems.</li><li><b>ESP:</b> Pass A casing erection work completed. Suspensions for electrodes erection completed. Erection of collecting electrodes up to 10th field completed. Hopper top part erection completed in all 10 fields.<br/>Pass B: Column erection work completed.<br/>Pass-C- electrode erection completed in all 10 fields.<br/>Pass D: Casing erection completed. electrode erection</li><li><b>TG:</b><br/>TG deck raft completed and shuttering work final deck casting U/P. EOT crane erected and commissioned.</li></ul> <b>BoPs:</b> <ul style="list-style-type: none"><li><b>Chimney:</b> Foundation works completed and shell casting work U/P. Chimney awarded to Bygging India Ltd on 15.01.15</li><li><b>CHP:</b> PCC in wagon tippler &amp; TP-2 area is U/P. Coal Mill &amp; Mill Bunker Building: All mill foundation &amp; bunker pedestal casting completed. Bunker structure and shell fabrication under progress.</li><li><b>Raw Water Supply System:</b> Raw Water pipe line awarded to TATA Projects Ltd. On 14.07.11</li><li><b>CW System:</b> Raw Water pipe line awarded to TATA Projects Ltd. On 14.07.11</li><li><b>IDCT:</b> CT awarded to Paharpur cooling Towers 25.01.12.IDCT-I &amp;2 excavation work completed.</li><li><b>Switchyard:</b> Foundation works completed and shell casting work U/P.</li></ul> |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | U-2                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 660           |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Org. Est. cost for both the units                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Rs. 619000 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Unit-1 cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Rs. 261870 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                          |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Unit-1 Latest cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Rs. 393000 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                          |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Exp. During 10-11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Rs. 51763 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Exp. During 11-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Rs. 53457 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Exp. During 12-13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Rs. 15481 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Exp. During 13-14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Rs. 47890 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Exp. During 14-15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Rs. 36759 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Exp. During 15-16 ( Up to 11/15)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Rs. 2373 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Cumm. Exp 11/15)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Rs. 207723 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                          |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Approval date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Zero date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 09.08.10                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Financial closure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Achieved for both the units                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Main Plant Order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | BTG Contract awarded on 28.06.10 to M/s BHEL(Boiler-BHEL)<br>(TG- BHEL)                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | BOP Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | The order for all the BOPs on EPC basis including civil works have been placed on M/s L&T on 29.09.10. BHEL (Trichy) supplied 13031 MT for Boiler & BHEL(Ranipet) 7340MT for ESP up to 11/2014 out of which 5792 MT of Boiler & 3749 MT of ESP erected. BHEL (PSWR) supplied 3863 MT of bunker structure material, out of which 2261 MT bunker structure fabricated. BHEL piping center (Chennai) supplied 1235 MT                                        |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Type of fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | PPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PPA Signed with CSPTCL & WBSEDCL for 424 MW & 200 MW and WBSEDCL for 200MW.<br>As per letter dated 14.01.14<br>PPA signed with WBSDCo. Ltd on 04.01.11 for 510 MW for 20 years through MOU route with 3part tariff (Cap. Charges+ energy Charges+ transportation charges). CSPTCo.Ltd an authorised representative of GOCG to execute PPA with Developers on behalf of the GOCG. This PPA is in line with the implementation agreement executed with GOCG |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Power Evacuation system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Awarded the contract for construction of 400kV D/C transmission line on M/s KEC on 24.06.11. From PGCIL S/S at New Kotra. 400/765 Kv Pooling station for power evacuation –bays construction given to Alstom T7D on 31.12.11.                                                                                                                                                                                                                             |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | BTPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 24.02.10                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | <ul style="list-style-type: none"><li><b>Land:</b> Delay in land acquisition &amp; delay in placement of orders for BoPs. Delay in supply of boiler drum by BHEL. Work is on hold due to Financial crunch.</li><li><b>MOE&amp;F:</b> MOEF clearance obtained on 23.08.11<br/>Amendment in MOEF clearance issued on 20.05.14 regarding the reduction in project area of 780 acres to 637 acres.<br/>Fatehpur coal block allocated to the Visa Power.</li><li><b>Civil Aviation:</b> clearance from AAI received on 25.05.10.</li><li><b>Water:</b> Water allocation received from WRD, Chhattisgarh for 35 MCM on 26.09.09</li><li><b>Coal linkage:</b> Fatehpur East Coal Block jointly allotted. Domestic coal linkage applied. FSA signed with Indonesian coal supplier (PT Kubara Bumi Lestari) for supply of imported coal.</li></ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Critical issues   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Boiler Drum has not dispatched by the BHEL                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Reasons for Delay |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Order of AHP,Fire protection system, AC & ventilation system,LT/Ht switchgear, cables, air compressor, LT transformers, station, GT & unit transformer not yet placed. Work is on hold due to financial crunch.                                                                                                                                                                                                                                           |               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |

| SI.               | Project Details                                                                                   | Unit                                                                                                                                                                                                                                                                                                                                                                                | Capacity (MW)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Commissioning Schedule |       |                        |          | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|-------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Original               |       | Actual(A)/ As Expected |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Synch                  | Comm  | Syn.                   | Comm COD |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| 9                 | Singhitarai TPP ( DumatpalliTPP) Janjgir (Vill) Champa Distt. (M/s Athena Chhattisgarh Power Ltd) | U-1                                                                                                                                                                                                                                                                                                                                                                                 | 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10/14                  | 11/14 | 03/17                  | 03/17    | <ul style="list-style-type: none"><li>• <b>Unit-1:</b></li><li>• <b>Boiler</b><br/>Boiler erection started in 29/07/12.<br/>Drum lifted on 07.04.13.<br/>HT conducted on 18.03.15.<br/>Non-Drainable HT done on 08.10.15<br/>BLU expected in 01/17<br/>SBO Completion expected in 02/17<br/>Syn. expected in 03/17.</li><li>• <b>TG</b><br/>TG erection started on 04.07.13.<br/>TG box up expected in 2/17.<br/>Oil flushing completion expected in 1/17</li><li>• <b>Unit-2:</b></li><li>• <b>Boiler</b><br/>Boiler erection started on 24.12.12<br/>Drum lifted on <b>30.10.13.</b><br/>HT expected in 1/17<br/>BLU expected in 07/17<br/>Syn. expected in 08/17</li><li>• <b>TG</b><br/>TG erection started in <b>29.11.13</b><br/>TG box up expected in 06/17.</li><li><b>BoPs:</b></li><li>• <b>Chimney:</b> Erection of flue cans and stair case completed External painting completed.</li><li>• <b>CHP:</b> Erection works is in progress.</li><li>• <b>AHP:</b> Construction work in progress</li><li>• <b>Raw Water Supply System:</b> RWIS from river Mahanadi to ACPL-contract awarded on 16.05.11<br/>Barrage construction completed &amp; finishing work in progress<br/>NoC received from WRD, GoC for laying of pipeline along the canal on 31.10.10.<br/>approval received for Nala crossing and road crossing. RWIPH construction completed.</li><li>• <b>PT/ DM Plant:</b> First stream commissioning done in auto mode successfully &amp; commissioning of other streams are in progress.</li><li>• <b>CW System:</b> Erection of motor &amp; pumps completed.</li><li>• <b>CT:</b> all work completed.</li><li>• <b>FOPH:</b> No load trail run of motors completed. Hydro test in progress for pipes.</li><li>• <b>Switchyard:</b> commissioning works are Completed</li></ul> |  |
|                   |                                                                                                   | U-2                                                                                                                                                                                                                                                                                                                                                                                 | 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 01/15                  | 02/15 | 10/17                  | 9/17     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Date of Appr. State Govt.                                                                         | :                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Est. approved cost                                                                                | : Rs. 620000 lakhs                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Latest Cost                                                                                       | : Rs. 811900 lakhs<br>: Rs. 844379 lakhs                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Exp up to 03/2008                                                                                 | :Rs. 371 lakhs                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Exp 2008-09                                                                                       | :Rs. 3509 lakhs                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Exp 2009-10                                                                                       | :Rs. 6690 lakhs                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Exp. 2010-11                                                                                      | :Rs. 56343 lakhs                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Exp. 2011-12                                                                                      | :Rs. 50204 lakhs                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Exp. 2012-13                                                                                      | :Rs: 92116 lakhs                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Exp. 2013-14                                                                                      | :Rs: 129337 lakhs                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Exp. 2014-15                                                                                      | :Rs: 154090 lakhs                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Exp. 2015-16                                                                                      | :Rs: 62395 lakhs                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Exp. 2016-17 (Up to 08/16)                                                                        | : Rs. 54173 lakhs                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Cum.Exp. up to 08/16                                                                              | :Rs. 609228 lakhs                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Zero date:                                                                                        | 01.06.11 (NIT issued)                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Financial closure                                                                                 | : Achieved (Common loan agreement signed on 30.03.11)                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Main Plant Order                                                                                  | : Awarded on 21.12.09 to M/s DECL.                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | BOP Package                                                                                       | M/s Abir infrastructure on 18.08.10                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Type of fuel                                                                                      | Coal                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | PPA                                                                                               | Long term and short term PPA signed with PTC. 444 MW signed with CSPT and 150 MW signed with Nepal electricity authority. For 300 MW- LOI received & for 200 MW participated in Case-I bidding in RRVN and shortlisted for supply of 200 MW to RRVUNL. Participated 107.5 MW in Case-I bid in MPPMCo. Ltd                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   | Power Evacuation system                                                                           | 400 kV DC transmission line completed. 400 kV bays are connected through network of 765/400kV PGCIL Bansia polling station. LTOA granted on 01.10.09. BTPA entered into on 24.02.10. Test charging of 400 kV Transmission line-2 from Bansia to ACPL was completed along with charging of Bus-1&2.. Charging of ACPL-DBPL Tie bay No. 434 at PGCIL Kotra pooling station completed. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|                   |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                     | <ul style="list-style-type: none"><li>• <b>Land:</b> 927.275 acres of land in possession,25.96 Acres of Govt land leased to company..</li><li>• <b>MOE&amp;F:</b> Obtained on 04.06.10.Amendment of EC received on 22.03.16</li><li>• <b>Civil aviation:</b> Clearence received from AAi, Mumbai on 09.04.09</li><li>• <b>Water:</b> 35 MCM per annum allocated from Mahanadi..</li><li>• <b>Coal linkage:</b> FSA signed with SECL on 27.02.15 for supply of 2497242 Tonnes/annum.</li></ul> |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Critical issues   |                                                                                                   | Delay in BTG erection work.                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Reasons for Delay |                                                                                                   | Delay in Land Acquisition. Slow progress of boiler & TG erection. Delay due to financial problems                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |

| Sl. No.                  | Project Details                                                                                      | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Capacity (MW)                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Commissioning Schedule |       |                        |                       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
|--------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                          |                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Original               |       | Actual(A)/ As Expected |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          |                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Synch                  | Comm  | Syn.                   | Comm                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| 10                       | <b>Binjkote TPP SKS power Gen. (Chhattis.) Ltd Vill-Binjkote, Distt.: Raigarh,State-Chhattisgarh</b> | U-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 300                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 08/13                  | 09/13 | 11/16                  | <u>11/16</u><br>01/17 | <b>Unit-1:</b><br><b>Boiler:</b><br>Boiler erection started on <b>12.06.12</b> . Boiler drum lifted on <b>02.05.13</b> . HT conducted on <b>27.06.14</b> .BLU completed on 09.07.16.Syn Expected in 1/17.comm expected in 2/17<br><b>TG :</b><br>Condenser erection started <b>04/14</b> .TG erection started in <b>05/14</b> .TG box up completed on 09.08.16. TG on barring gear expected in 1/17<br><b>Unit-2</b><br><b>Boiler :</b><br>Boiler erection started on <b>08.09.12</b> . Boiler drum lifted on <b>30.05.13</b> .HT conducted on <b>03.11.14</b> . BLU expected in 12/16.<br><b>TG :</b><br>Condenser erection started in <b>01/15</b> .TG erection Started in <b>09/14</b> .TG box up expected in 1/17.<br><b>Unit-3:</b><br><b>Boiler :</b><br>Boiler erection yet to be started. *<br><b>TG:</b><br>Condenser erection yet to be started.<br>TG erection yet to be started.<br><b>Unit-4:</b><br><b>Boiler:</b><br>Boiler erection yet to be started. *<br><b>TG:</b><br>Condenser erection yet to be started.<br>TG erection yet to be started.<br><b>* The dates would be decided after start of Boiler erection start.</b><br><b>BoPs:</b><br>• <b>CHP:</b> Dumper unloading hopper erection completed. crusher house erection completed. Dumper house to crusher house all conveyors erected. Tripper erection in progress. Bunker erection in progress.<br>• <b>AHP:</b> Fly ash silo concreting work is completed. Bottom ash pond work in progress. Fly ash pond(1&2) work in progress<br>• <b>Raw Water Supply System:</b> raw water intake pump to be comm on 20.04.16. raw water reservoir completed.<br>• <b>PT/ DM Plant:</b> 2 no. Dm water slurry tanks completed. Dm plant equipment and piping works in progress. Raw water pupms commissioned.<br>• <b>CW System:</b> Civil work completed/ CT makeup pump erection & pipe headers competed.<br>• <b>FOPH:</b> HFO & LDO tanks erected/pumps erected/piping almost completed.<br>• <b>Switchyard:</b> 440kV trans line charged on 09.05.15. 20/6.6Kv line charged on 20.01.16 |  |
|                          |                                                                                                      | U-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 300                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 11/13                  | 12/13 | 04/17                  | <u>01/17</u><br>03/17 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          |                                                                                                      | U-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 300                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 02/14                  | 03/14 | *                      | *                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          |                                                                                                      | U-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 300                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 05/14                  | 06/14 | *                      | *                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | Bank Disbursement                                                                                    | : Rs 180000 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | Est. approved cost                                                                                   | : Rs. 505800 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | Latest Cost: Ph-I: 3787.2 Cr& Ph-II : 3106.8 Cr                                                      | : Rs. 689000 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | Latest Cost : Ph-I : 5240Cr & Ph-II: 3200 Cr less 500 Cr                                             | : Rs. 794000 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | Exp. During 2008-09                                                                                  | : Rs 4000 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | Exp. During 2009-10                                                                                  | : Rs. 5225 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | Exp. During 2010-11                                                                                  | : Rs. 21435 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | Exp. During 2011-12                                                                                  | : Rs. 55000 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | Exp. During 2012-13                                                                                  | : Rs. 126590 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | Exp. During 2013-14                                                                                  | : Rs. 46778 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | Exp. During 2014-15                                                                                  | : Rs.112677 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | Exp. During 2015-16 ( up to 06/15)                                                                   | : <b>Rs. 11095 lakhs</b>                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | <b>Cumm. Exp Up to 06/15.</b>                                                                        | : <b>Rs 382800 lakhs</b>                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | <b>Approval date:</b>                                                                                | SKS signed an MOU with Govt. of Chhattisgarh on 07.01.08.for setting up coal based TPS.                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | <b>Zero date:</b>                                                                                    | : <b>12.05.11</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | <b>Financial closure</b>                                                                             | : completed                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | <b>Main Plant Order</b>                                                                              | : M/s Cethar Ltd. On 02.03.11. Boiler- Cethar Ltd. trichy, India and TG - Harbin, China                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | <b>BOP Package</b>                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | <b>Type of fuel</b>                                                                                  | Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | <b>PPA</b>                                                                                           | 37.5% of 1200 MW with CSPTRADECO. 550 MW with TPTCL. Participated for 100 MW in Case-I bidding in RVPN.                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          | <b>Power Evacuation system</b>                                                                       | Signed BPTA with PGCILon 24.02.10 for evacuation of entire power from kotra sub-station.                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                          |                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"><li>• <b>Land:</b> 568 acres of land acquired</li><li>• <b>MOE&amp;F:</b> obtained on 05.10.10 EC extended till 04.10.17</li><li>• <b>Civil Aviation:</b> AAI issued NOC on 09.04.2009</li><li>• <b>Water:</b> 35 MCM from Mahanadi (44 Km pipeline).</li><li>• <b>Coal linkage:</b> Granted coal linkage for entire 1200 MW by SECL. FSA signed for U-1 &amp;U-2 for 1.3 MTPA on 28.08.13 and 23.09.13 respectively.</li></ul> |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| <b>Critical issues</b>   |                                                                                                      | Balance Land to be Acquired = 55.9 Acres ( 44.10 Govt.+11.8 Pvt.)                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| <b>Reasons for Delay</b> |                                                                                                      | U-1: Delay in start of civil works. Delay in supply of the boiler Drum. Delay due to stoppage of erection work for boiler & TG because of change of STG erection agencies. Balance land acquisition for ash dyke. U-2: Delay in start of civil work. Slow progress of pressure parts erection. Balance land acquisition for ash dyke. U-3&4: Work yet to start. Balance land acquisition for ash dyke. Commissioning schedule would be assessed after restart of work. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |

| Sl. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Project Details                                                                                                                     | Unit | Capacity (MW) | Commissioning Schedule |       |                        |                      | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------|---------------|------------------------|-------|------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                     |      |               | Original               |       | Actual(A)/ As Expected |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                     |      |               | Synch                  | Comm  | Syn.                   | Comm COD             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Ratija TPS-II (Distt: Korba)<br>M/s Spectrum coal & Power Ltd.                                                                      | U-2  | 50            | 07/16                  | 07/16 | 08/16                  | 10.11.16(A)<br>12/16 | <b>Unit-2 Boiler:</b><br>Boiler erection started on 02.04.15. Drum lifted on 17.05.15. Boiler Hydro completed on 23.01.16. Boiler Light-Up completed. Unit Synchronized on 20.10.16. Full load done on 10.11.16.<br><br><b>TG:</b><br>Air Cooled Condenser works started on 15.01.16. TG erection started on 20.05.16. TG boxed-up<br><br><b>BoPs:</b> <ul style="list-style-type: none"><li><b>Chimney:</b> structure of 107m height completed and fir brick &amp; painting work completed.</li><li><b>CHP:</b> Materail supplied and erection under process.</li><li><b>AHP:</b> Materail supplied and erection under process.</li><li><b>CW System:</b> Material supplied and erection completed. Commissioning completed.</li><li><b>FOHS:</b> erection completed.</li><li><b>Switchyard:</b> Erection completed and charging of switchyard completed.</li></ul> |
| Org.Est. cost / Latest Cost                                                                                                                                                                                                                                                                                                                                                                                                                                            | :Rs. 28548.6 Lakhs/ 28548.6 lakhs                                                                                                   |      |               |                        |       |                        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Exp during 14-15 (Up to 03/15)                                                                                                                                                                                                                                                                                                                                                                                                                                         | :Rs. 8851 Lakhs                                                                                                                     |      |               |                        |       |                        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Exp. During 2015-16                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Rs. 15876 Lakhs                                                                                                                     |      |               |                        |       |                        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Cumm. Exp ( 06/16)                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Rs 24727 lakhs                                                                                                                      |      |               |                        |       |                        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Approval date:                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                     |      |               |                        |       |                        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Zero date:                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 06.04.13                                                                                                                            |      |               |                        |       |                        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Financial closure                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Achieved from Axis Bank                                                                                                             |      |               |                        |       |                        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Main Plant Order                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Boiler-Isgec Heavy Engg. Ltd. Noida (TG- BHEL). EPC including BTG Contract awarded on 06.04.13 to M/s Isgec Heavy Engg. Ltd, Noida. |      |               |                        |       |                        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| BOP Package                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                     |      |               |                        |       |                        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Type of fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Coal                                                                                                                                |      |               |                        |       |                        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| PPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5% of power will be supplied to CSPTC and balance power will be sold through exchange.                                              |      |               |                        |       |                        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Power Evacuation system                                                                                                                                                                                                                                                                                                                                                                                                                                                | Long term open Access had been obtained for 100 MW vide letter No. C/ENG./W/06/SCPL dated 16.03. 2009 from PGCL.                    |      |               |                        |       |                        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <ul style="list-style-type: none"><li><b>Land:</b> land is under physical possession.</li><li><b>MOE&amp;F:</b> Environmental clearance issued by SEIAA-CG on 29.11.13. Consent to establish issued on 01.09.14</li><li><b>Civil Aviation:</b> AAI issued NOC on 21.12.15</li><li><b>Water:</b> The water requirement shall be met from existing water allocation of 2.0 cu. Meter/hr.</li><li><b>Coal linkage:</b> Coal washery rejects available with SCPL</li></ul> |                                                                                                                                     |      |               |                        |       |                        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Critical issues                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                     |      |               |                        |       |                        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Reasons for Delay                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                     |      |               |                        |       |                        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

| Sl. No.           | Project Details                                                                                                                                                                                                                                                                                                                                    | Unit                                                                                                                                                                      | Capacity (MW)                                                                                                       | Commissioning Schedule |       |                        |                              | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                           |                                                                                                                     | Original               |       | Actual(A)/ As Expected |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   |                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                           |                                                                                                                     | Synch                  | Comm  | Syn.                   | Comm COD                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| 12                | Kasaipalli TPP (Chakabura Vill., Distt. Korba)<br>M/s ACB ( India) Ltd (Aryan Coal Benefications Pvt. Ltd)                                                                                                                                                                                                                                         | U-1                                                                                                                                                                       | 135                                                                                                                 | 10/10                  | 11/10 | 06.10.11 (A)           | 13.12.11 (A)<br>02.01.12 (A) | <b>Unit-1</b> <ul style="list-style-type: none"><li><b>Boiler:</b> Boiler erection started on 08.10.09. Boiler drum lifted on 05.03.10.HT (non-drainable) completed on 30.10.10. Alkali Boil out completed on 08.05.11. BLU completed on 03.06.11. Steam blowing completed on 09.07.11. Unit synchronized on 06.10.11. Unit commissioned on 13.12.11</li><li><b>TG:</b> TG erection started on 01.10.10. TG boxed up on 12.06.11.</li></ul><br><b>Unit-2</b> <ul style="list-style-type: none"><li><b>Boiler:</b> Erection started on 01.12.09 and drum lifted on 10.06.10 .HT completed on 23.03.11 (non-drainable). BLU completed on 28.11.11. SBO completed on 18.12.11. Synchronized in 03/12(A). Full load achieved on 21.06.12</li><li><b>TG:</b> TG erection started on 30.01.11. TG boxed up on 31.10.11</li></ul> |  |
|                   |                                                                                                                                                                                                                                                                                                                                                    | U-2                                                                                                                                                                       | 135                                                                                                                 | 01/11                  | 02/11 | 03/12 (A)              | 21.06.12 (A)<br>21.06.12 (A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Est. approved cost                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                           | : Rs.126700 lakhs                                                                                                   |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Exp. Up to 31.03.09                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                           | : Rs. 13000 lakhs                                                                                                   |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Exp. During 09-10                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                           | :Rs 27234 lakhs                                                                                                     |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Exp. During 10-11                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                           | : Rs . 54966 lakhs                                                                                                  |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Exp. During 11-12                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                           | : Rs 23600 lakhs                                                                                                    |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Exp. During 12-13 (06/12)                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                           | : Rs 5700 lakhs                                                                                                     |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Cumm. Exp. ( up to 06/12)                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                           | Rs 124500 lakhs                                                                                                     |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Approval date:                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                           | 14.07.08                                                                                                            |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Zero date:                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                           | : 21.01.2009                                                                                                        |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Financial closure                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                           | : 25.08.2009                                                                                                        |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Main Plant Order                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                           | : on M/s Cethar Vessels Ltd in Nov.,08 (EPC)                                                                        |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | BOP Package                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                           |                                                                                                                     |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Type of fuel                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                           | Washery Rejects based COAL                                                                                          |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | PPA                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                           | PPA was signed with GUVNL on 26.02.07                                                                               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | Power Evacuation system                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                           | Open Access has been granted from Sipat Pooling Station of Power Grid on 16.03.09. BPTA has been signed with PGCIL. |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                   | <ul style="list-style-type: none"><li><b>Land:</b> Land acquired..</li><li><b>MOE&amp;F:</b> Environment clearance issued by the SEIAA on 22.12.08</li><li><b>Water:</b> 10 MCM Water allocated in Jan.,08.</li><li><b>Coal linkage:</b> Long term agreement for purchase of washery rejects signed on 20.06.07 with GSECL for 25 years.</li></ul> |                                                                                                                                                                           |                                                                                                                     |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Critical issues   |                                                                                                                                                                                                                                                                                                                                                    | Long term linkage for one million tonnes for blending submitted on 22.09.06. The energy department GoCG has recommended on 16.07.07. Allocation of Coal is still awaited. |                                                                                                                     |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Reasons for Delay |                                                                                                                                                                                                                                                                                                                                                    | Delay due to civil works. Problem in jacking oil pump. Spare not available. It is being arranged from China. Delay due to TG bearing failure.                             |                                                                                                                     |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |

| Sl. No.                           | Project Details                                                                | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Capacity (MW) | Commissioning Schedule |       |                        |                                          | Broad Status                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                   |                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               | Original               |       | Actual(A)/ As Expected |                                          |                                                                                                                                                                                                                                                                                                                                                                  |
|                                   |                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               | Synch                  | Comm  | Syn.                   | Comm COD                                 |                                                                                                                                                                                                                                                                                                                                                                  |
| 13.                               | <b>Ratija TPP ( Distt. Korba)</b><br><b>M/s Spectrum Coal &amp; Power Ltd.</b> | U-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 50            | 06/11                  | 06/11 | <b>13.10.12 (A)</b>    | <b>04.02.13(A)</b><br><b>27.02.13(A)</b> | <b>Unit-1</b> <ul style="list-style-type: none"><li><b>Boiler:</b> Boiler erection started on 15.10.10. Drum lifted on 17.02.11. HT(Non-drainable) completed on 06.10.11. BLU completed 06/12. Synchronized on 13.10.12 and Full load achieved on 04.02.13.</li><li><b>TG:</b> Condenser &amp; TG erection started on 17.03.11. TG box-up on 29.07.11.</li></ul> |
| Est. Org. cost ( 1x50 MW)         |                                                                                | <b>: Rs.22000 lakhs</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |                                          |                                                                                                                                                                                                                                                                                                                                                                  |
| Exp. Up to 03/11                  |                                                                                | <b>: Rs 16600 lakhs</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |                                          |                                                                                                                                                                                                                                                                                                                                                                  |
| Exp. In the year 2011-12 ( 02/12) |                                                                                | <b>:Rs. 11900 lakhs</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |                                          |                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cumm. Exp. ( up to 02/12)</b>  |                                                                                | <b>Rs 28500 lakhs</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                        |                                          |                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Financial closure</b>          |                                                                                | <b>: Achieved on 16.09.09</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |                                          |                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Main Plant Order</b>           |                                                                                | <b>: M/s QJPS , China, BTG 21.07.09</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |                                          |                                                                                                                                                                                                                                                                                                                                                                  |
| <b>BOP Package</b>                |                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |                                          |                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Type of fuel</b>               |                                                                                | <b>Washery Rejects based COAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |                                          |                                                                                                                                                                                                                                                                                                                                                                  |
| <b>PPA</b>                        |                                                                                | <b>: PPA was signed with Reliance Energy Ltd for 15 MW and balance PPA is with Gujarat Electricity Board.</b>                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |                                          |                                                                                                                                                                                                                                                                                                                                                                  |
|                                   |                                                                                | <ul style="list-style-type: none"><li>Land: Land acquired.</li><li>MOE&amp;F: clearance obtained on 31.12.07 and state pollution clearance obtained.</li><li>Civil Aviation: Civil Aviation clearance obtained.</li><li>Water: 2 MCM Water allocated by Chhattisgarh Govt.</li><li>Coal linkage: Coal linkage from SECL. FSA could not be signed because of the CPP status of TPP as per LOA. This is an IPP &amp; was never conceived as a CPP. Matter has already been taken up with MOC</li></ul> |               |                        |       |                        |                                          |                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Critical issues</b>            |                                                                                | Coal linkage from SECL coal mines is approved. FSA could not be signed because the CPP status of TPP as per LOA. However, thus is an IPP & was never conceived as a CPP. Matter has already been taken up with Ministry of Coal.                                                                                                                                                                                                                                                                     |               |                        |       |                        |                                          |                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Reasons for Delay</b>          |                                                                                | Delay in readiness of switchyard and Electric system.<br>Delay due to damage in steam regulating valve and problem in generator backer (Operational problems in commissioning process i.e Indicated as loss of pillage.)<br>Vibrations in turbine bearings.                                                                                                                                                                                                                                          |               |                        |       |                        |                                          |                                                                                                                                                                                                                                                                                                                                                                  |

| Sl. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Project Details                                                                      | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Capacity (MW) | Commissioning Schedule |       |                        |                            | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               | Original               |       | Actual(A)/ As Expected |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               | Synch                  | Comm  | Syn.                   | Comm COD                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 14.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Avantha Bhandar TPS-I (Distt. Raigarh )<br/>M/s Korba west Power company Ltd.</b> | U-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 600           | 07/12                  | 07/12 | 08.10.13 (A)           | 31.03.14(A)<br>01.04.14(A) | <b>Unit-1</b> <ul style="list-style-type: none"><li><b>Boiler:</b> Boiler erection started in Nov.,10. Drum lifted on 21.05.11. HT completed in 07/12 &amp; HT Non-drainable completed. BLU completed on 06.03.13 with Temp. Chimney. EDTA completed and SBO also completed. Unit Synchronized on oil 08.10.13 &amp; FL achieved on 31.03.14</li><li><b>TG:</b> TG deck casted in 01/12. Condenser &amp; Turbine erection started in 13.03.12. HP&amp;LP Turbine erection completed. <b>Box-up completed on 15.04.13. Final box up completed in 09/13.. TG oil flushing completed in 09/13. TG barring gear completed.</b></li></ul> |
| Est. approved cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                      | : Rs.287200 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Est. approved cost ( Latest)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                      | : Rs.385000 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Exp. 2008-09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                      | : Rs2800 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Exp. 2009-10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                      | : Rs23100 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Exp. During 10- 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                      | : Rs.48800 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Exp. During 11-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                      | : Rs 114800 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Exp. During 12-13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                      | : Rs. 112500 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Exp. During 13-14(up to 01/14)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                      | : Rs. 78600 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cumm. Exp. ( up to 01/14)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                      | <b>Rs 380600 lakhs</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Approval date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Zero date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Financial closure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                      | June,09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Main Plant Order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                      | 28.04.09 on M/s BHEL (BTG+Ele+C&I)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| BOP Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Type of fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                      | Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| PPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                      | 35% to Chhattisgarh State Power Trading Company Ltd 30% =180 MW on regulated tariff basis + 5%= 30MW on variable ccharge basis) as per MOU for 20 years and 35% ( 210 MW) to Reliance Energy Trading Company for 15 years ( to distribute on licensee/sate electricity boards as per regulation) and 180 MW Untied ( to be tied up through competitive bidding route/ short term route/Spot basis. Note: As per MOU & Implementation agreement PPA yet to be executed.                                                                                                                 |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Power Evacuation system</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                      | Master plan for power evacuation already made ready by PGCIL, pooling station identified. Order placed for 400 kV transmission line from KWPCIL to pooling point. BPTA with PGCIL. Prior approval of MoP under section -68 for dedicated transmission line obtained. Section -164 applied. 400kV Transmission Line: 66% excavation, 62% Tower foundation 59% Tower erection 30% stringing completed. (Stringing work up to LILO point completed in all respect. 400kV TL charged) foundation 42/64 completed. Tower erection 38/64 completed. Tower stringing 6.17/22.95 KM completed. |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <ul style="list-style-type: none"><li><b>Land:</b> Total land Req. is 487 acres. 100% acquired</li><li><b>MOE&amp;F:</b> letter received on 20.05.10 &amp; state pollution board on 25.08.10</li><li><b>Civil Aviation:</b> clearance completed on 05.05.09</li><li><b>Water:</b> Water allocation completed in 07/2007.</li><li><b>Coal linkage:</b> LOA already received from SECL for 2x300 MW configurations. Amendment for change in configuration to 1x600 MW accorded vide MOC letter dated 19<sup>th</sup> May, 2011.</li></ul> |                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Critical issues</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                      | Recommendation to MOC through MOP for change in unit size from 2x300 MW to 1x600 MW on 19.05.11. Chimney is in critical Path. ( 2.5 m/day). MGR is also on critical Path. Land acquisition is in progress for MGR and railway sliding from Railway station to Project site. Target is from 04/13 to 04/14). Road transportation of coal by road is 42 KM permission to be granted. Supply of material : Stator & Rotor received at site in 03/13( about 6 months delay)                                                                                                                |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Reasons for Delay</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      | Delay in civil works .Delay due to readiness of Chimney and CHP & AHP ( MGR is delay due to delay in land acquisition) . SBO delayed due to critical piping and non-availability of material from BHEL.                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                        |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

| Sl. No.           | Project Details                                             | Unit                                                                                                                                                                    | Capacity (MW)                                                                                                                                                                                                                                                                                                                                               | Commissioning Schedule |       |                        |                              | Broad Status                                                                                                                                                                                                                                                                                                     |  |
|-------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                                             |                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                             | Original               |       | Actual(A)/ As Expected |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   |                                                             |                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                             | Synch                  | Com m | Syn.                   | Comm COD                     |                                                                                                                                                                                                                                                                                                                  |  |
| 15.               | Baradarha TPP<br>M/s DB Power Ltd<br>Distt.- Janigir-Champa | U-1                                                                                                                                                                     | 600                                                                                                                                                                                                                                                                                                                                                         | 03/13                  | 03/13 | 09.10.13 (A)           | 23.02.14 (A)<br>03.11.14 (A) | Unit-1<br>Boiler: Boiler erection started on 14.03.11. Boiler drum lifted on 06.10.11. HT conducted on 17.08.12. HT non drainable completed on 5.03.13.BLU achieved on 15.03.13. EDTA completed on 14.06.13.SBO started on 0.08.13.SBO completed on 13.08.13. Synchronized on 09.10.13. FL achieved on 23.02.14. |  |
|                   |                                                             | U-2                                                                                                                                                                     | 600                                                                                                                                                                                                                                                                                                                                                         | 07/13                  | 07/13 | 03/15(A)               | 24.03.15 (A)<br>26.03.16 (A) |                                                                                                                                                                                                                                                                                                                  |  |
|                   | Est. approved cost                                          |                                                                                                                                                                         | : Rs. 653300 lakhs                                                                                                                                                                                                                                                                                                                                          |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   | Latest Cost                                                 |                                                                                                                                                                         | : Rs. 664000 lakhs                                                                                                                                                                                                                                                                                                                                          |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   | Exp. During 2007-08                                         |                                                                                                                                                                         | : Rs. 453 lakhs                                                                                                                                                                                                                                                                                                                                             |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   | Exp. During 2008-09                                         |                                                                                                                                                                         | : Rs. 1684 lakh                                                                                                                                                                                                                                                                                                                                             |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   | Exp. During 2009-10                                         |                                                                                                                                                                         | : Rs. 3297 lakhs                                                                                                                                                                                                                                                                                                                                            |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   | Exp. During 2010-11                                         |                                                                                                                                                                         | : Rs. 65959 lakhs                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   | Exp. During 2011-12                                         |                                                                                                                                                                         | : Rs. 211266 lakhs                                                                                                                                                                                                                                                                                                                                          |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   | Exp. During 2012-13                                         |                                                                                                                                                                         | : Rs 196303 lakhs                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   | Exp. During 2013-14                                         |                                                                                                                                                                         | : Rs 139249 lakhs                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   | Exp. During 2014-15(12/14)                                  |                                                                                                                                                                         | : Rs 121089 lakhs                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   | Cum.Exp. up to 12/14                                        |                                                                                                                                                                         | :Rs. 739300 lakhs                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   | Approval date:                                              |                                                                                                                                                                         | 07.01.08                                                                                                                                                                                                                                                                                                                                                    |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   | Zero date:                                                  |                                                                                                                                                                         | 24.06.10                                                                                                                                                                                                                                                                                                                                                    |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   | Financial closure                                           |                                                                                                                                                                         | 25.03.11                                                                                                                                                                                                                                                                                                                                                    |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   | Main Plant Order                                            |                                                                                                                                                                         | :BTG on BHEL on 24.06.10                                                                                                                                                                                                                                                                                                                                    |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   | BOP Package                                                 |                                                                                                                                                                         | M/s Larsen & Toubro on 15.10.10. (EPC).                                                                                                                                                                                                                                                                                                                     |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   | Type of fuel                                                |                                                                                                                                                                         | Coal                                                                                                                                                                                                                                                                                                                                                        |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   | PPA                                                         |                                                                                                                                                                         | 39% with CSPHCL & 47% with PTC.208 MW with TANGEDCO-SR. MTOA for 123 MW with TANGEDCO-SR                                                                                                                                                                                                                                                                    |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   | Power Evacuation system                                     |                                                                                                                                                                         | : Signed with PGCIL on 24.2.2010.                                                                                                                                                                                                                                                                                                                           |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
|                   |                                                             |                                                                                                                                                                         | <ul style="list-style-type: none"><li>Land: 630 Acres.</li><li>MOE&amp;F: Achieved on 16.09.10.</li><li>Civil Aviation:</li><li>Water: 40 MCM Water from river Mahanadi allocated on 27.12.08.</li><li>Coal linkage: Coal block allotted on 6.11.07 ( 2.0MTPA). Linkage for LT from SECL for 2.497 MTPA and 2.497 MTPA from MCL. Yet to sign FSA.</li></ul> |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
| Critical issues   |                                                             |                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                             |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |
| Reasons for Delay |                                                             | Late start of civil works. Delay in readiness of CHP, AHP and Mills. Delay due to problem faced in Generator Stator .Delay in supply of cannibalized/ missed items etc. |                                                                                                                                                                                                                                                                                                                                                             |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                  |  |

| Sl. No.                                                                                                                                                                                                                                                                                                                                                                                           | Project Details                            | Unit                                                                                          | Capacity (MW) | Commissioning Schedule |       |                        |                              | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                   |                                            |                                                                                               |               | Original               |       | Actual(A)/ As Expected |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                   |                                            |                                                                                               |               | Synch                  | Comm  | Syn.                   | Comm COD                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 16.                                                                                                                                                                                                                                                                                                                                                                                               | Chakabura TPP<br>M/s ACB<br>Chakabura vill | U-1                                                                                           | 30            | 08/13                  | 09/13 | 31.01.14 (A)           | 28.03.14 (A)<br>30.03.14 (A) | Unit-1 <ul style="list-style-type: none"><li><b>Boiler:</b> Boiler erection started on 03.06.12. Drum lifted on 09.11.12. HT (Non-drainable) completed on 25.05.13. BLU expected in 01/14 SBO expected 01/14 and unit synchronized on 31.01.14. Full load achieved on 28.03.14</li><li><b>TG:</b> TG deck and all major foundations completed. Condenser erection start expected in 04/13. TG erection started on 30.04.13. TG boxed-up in 07/13. Oil flushing completed. Insulation is in Progress.</li></ul> |
| Est. Org. cost ( 1x30 MW)                                                                                                                                                                                                                                                                                                                                                                         |                                            | : Rs 15286 Lakhs                                                                              |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Latest Cost                                                                                                                                                                                                                                                                                                                                                                                       |                                            | : Rs. 15286 lakhs                                                                             |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Exp. In the year 2011-12                                                                                                                                                                                                                                                                                                                                                                          |                                            | : Rs 1400 lakhs                                                                               |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Exp. In the year 2012-13                                                                                                                                                                                                                                                                                                                                                                          |                                            | : Rs. 4800 lakhs                                                                              |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Exp. In the year 2013-14 ( Up to 12/13)                                                                                                                                                                                                                                                                                                                                                           |                                            | : Rs. 10202 lakhs                                                                             |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Cumm. Exp. ( up to 12/13)                                                                                                                                                                                                                                                                                                                                                                         |                                            | : Rs. 16402 Lakhs                                                                             |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Approval date:                                                                                                                                                                                                                                                                                                                                                                                    |                                            |                                                                                               |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Zero date:                                                                                                                                                                                                                                                                                                                                                                                        |                                            | :                                                                                             |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Financial closure                                                                                                                                                                                                                                                                                                                                                                                 |                                            | : Achieved on 28.11.11                                                                        |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Main Plant Order                                                                                                                                                                                                                                                                                                                                                                                  |                                            | 07.09.11 Boiler on M/s Sichuan Chuanguan Boiler Co. China & Turbine on M/s Siemen Ltd. Baroda |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Type of fuel                                                                                                                                                                                                                                                                                                                                                                                      |                                            | Washery reject coal                                                                           |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PPA                                                                                                                                                                                                                                                                                                                                                                                               |                                            | Yet to be done                                                                                |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <ul style="list-style-type: none"><li><b>Land:</b> Land already in ACBIL's possession</li><li><b>MOE&amp;F:</b> Obtained on 23.11.09 vide letter no. 378/SEIAA-CG/EC/TPP/KOR/77/09.</li><li><b>Civil Aviation:</b> Obtained from Airport Authority of India on 11.09.07.</li><li><b>Water:</b> Allocated on 18.01.06.</li><li><b>Coal linkage:</b> Washery rejects available with ACBIL</li></ul> |                                            |                                                                                               |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Critical issues                                                                                                                                                                                                                                                                                                                                                                                   |                                            | Project is washery reject based for which policy is yet to be finalised by the Govt.          |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Reasons for Delay                                                                                                                                                                                                                                                                                                                                                                                 |                                            | Delay in readiness of Cooling Tower.                                                          |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

| Sl. No.                                                                                                                                                                                                                                                                                                                                                                                            | Project Details                                           | Unit                                                                                                                                                                                                                                                                          | Capacity (MW) | Commissioning Schedule |       |                        |              | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                    |                                                           |                                                                                                                                                                                                                                                                               |               | Original               |       | Actual(A)/ As Expected |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                    |                                                           |                                                                                                                                                                                                                                                                               |               | Synch                  | Comm  | Syn.                   | Comm COD     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 17.                                                                                                                                                                                                                                                                                                                                                                                                | Swastik TPP<br>M/s SPMRPL<br>Kanberi vill<br>Korba Distt. | U-1                                                                                                                                                                                                                                                                           | 25            | 06/12                  | 06/12 | 15.03.15 (A)           | 31.03.15 (A) | <b>Unit-1</b> <ul style="list-style-type: none"><li><b>Boiler:</b> Boiler erection started on 16.11.10. Drum lifted on 10.03.11. HT completed on 06.09.13. BLU completed on 01.01.15. SBO completed on 14.02.15. Unit Synchronized on 15.03.15. Full load achieved on 31.03.15. <b>TG:</b> Condenser erection started on 01.04.12. Turbine erection started on 15.04.12. TG box-up completed on 10.03.13. Oil flushing completed on 20.05.13 &amp; Barring gear completed on 10.08.13.</li></ul> |
| Est. Org. cost ( 1x20 MW)                                                                                                                                                                                                                                                                                                                                                                          |                                                           | Rs 13600 Lakhs                                                                                                                                                                                                                                                                |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Latest Cost                                                                                                                                                                                                                                                                                                                                                                                        |                                                           | Rs. 14200 lakhs                                                                                                                                                                                                                                                               |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Exp. 2010-11                                                                                                                                                                                                                                                                                                                                                                                       |                                                           | Rs. 5805 Lakhs                                                                                                                                                                                                                                                                |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Exp. In the year 2011-12                                                                                                                                                                                                                                                                                                                                                                           |                                                           | Rs 6263 lakhs                                                                                                                                                                                                                                                                 |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Exp. In the year 2012-13                                                                                                                                                                                                                                                                                                                                                                           |                                                           | Rs. 4551 lakhs                                                                                                                                                                                                                                                                |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Exp. In the year 2013-14                                                                                                                                                                                                                                                                                                                                                                           |                                                           | Rs 2210 lakhs                                                                                                                                                                                                                                                                 |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Exp. In the year 2014-15 (Up to 12/14)                                                                                                                                                                                                                                                                                                                                                             |                                                           | Rs 2255 lakhs                                                                                                                                                                                                                                                                 |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Cumm. Exp. ( up to 12/14)                                                                                                                                                                                                                                                                                                                                                                          |                                                           | Rs 21084 Lakhs                                                                                                                                                                                                                                                                |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                    |                                                           |                                                                                                                                                                                                                                                                               |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Zero date:                                                                                                                                                                                                                                                                                                                                                                                         |                                                           |                                                                                                                                                                                                                                                                               |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Financial closure                                                                                                                                                                                                                                                                                                                                                                                  |                                                           | Achieved on 30.09.09                                                                                                                                                                                                                                                          |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Main Plant Order                                                                                                                                                                                                                                                                                                                                                                                   |                                                           | CFBC Boiler awarded on 29.03.10 to M/s IJT, Noida and TG set awarded to Siemens, Baroda on 25.02.10                                                                                                                                                                           |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| BOP Package                                                                                                                                                                                                                                                                                                                                                                                        |                                                           |                                                                                                                                                                                                                                                                               |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Type of fuel                                                                                                                                                                                                                                                                                                                                                                                       |                                                           | Washery reject coal                                                                                                                                                                                                                                                           |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PPA                                                                                                                                                                                                                                                                                                                                                                                                |                                                           | PPA for supply of 30 MW was signed with PTC on 20.04.09. Recently, on 17.10.13, PTC has been intimated that the contracted capacity will be 20MW out of one unit of 25 MW. PPA for 5% t.e 1.25 MW of net power shall be signed with CSPTCL                                    |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <ul style="list-style-type: none"><li><b>Land:</b> . Land acquired</li><li><b>MOE&amp;F</b> :Obtained from Member Secretary , Chhattisgarh Environment Conservation Board.</li><li><b>Civil Aviation:</b>. Obtained from Airport Authority of India.</li><li><b>Water:</b> Allotted by Secretary ( WRD) Govt. of Chhattisgarh</li><li><b>Coal linkage:</b>. Under consideration with MOC</li></ul> |                                                           |                                                                                                                                                                                                                                                                               |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Critical issues                                                                                                                                                                                                                                                                                                                                                                                    |                                                           | Project is washery reject based for which policy is yet to be finalized by the Govt.                                                                                                                                                                                          |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Reasons for Delay                                                                                                                                                                                                                                                                                                                                                                                  |                                                           | Project got delayed due to CHP contract revision by M/s OSM.<br>Fund problem due to change in ownership.<br>Delay in refractory work of boiler by M/s IJT. Delay in getting the start-up Power. Defect in Super heater coil which was sent to Yamuna Nagar for proper welding |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

| Sl. No.           | Project Details                                                   | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Capacity (MW)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Commissioning Schedule |       |                        |                             | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
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|                   |                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Original               |       | Actual(A)/ As Expected |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   |                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Synch                  | Comm  | Syn.                   | Comm COD                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| 18                | Tamnar TPP (O.P. Jindal STPP at Raigarh )<br>M/s Jindal Power Ltd | U-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 600                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 11/13                  | 01/14 | 30.09.13 (A)           | 10.03.14 (A)<br>27.08.14(A) | <b>Unit-1</b><br><b>Boiler:</b> Boiler erection started on 18.11.11. Drum lifted on 06.03.12. HT completed on 02.02.13 & BLU completed on 30.03.13. Insulation for Boiler completed. Steam blowing completed on 15.08.13. Unit synchronized with oil on 30.09.13. Unit Commissioned on 10.03.14.<br><b>TG:</b> TG erection started on 05.09.12. TG box-up completed on 28.06.13. TG lub oil flushing completed on 30.08.13. TG barring gear on 16.09.13.<br><br><b>Unit-2</b><br><b>Boiler:</b> Boiler erection started on 15.01.12. Drum lifted on 05.07.12. HT completed on 16.04.13. BLU completed on 18.12.13. Unit synchronized with oil on 22.02.14 & FL achieved on 30.03.14.<br><b>TG:</b> TG erection started on 05.01.13. TG boxed up on 05.01.14.TG oil flushing completed on 23.01.14 and barring gear completed on 10.02.14.<br><br><b>Unit-3</b><br><b>Boiler:</b> Boiler erection started 23.11.12. Drum lifted on 27.02.13 in a record time of 96 days. HT completed on 29.12.13. BLU completed on 25.01.14. Unit synchronized on 31.03.14 and full load on 07.01.15.<br><b>TG:</b> TG erection started on 30.09.13. TG boxed up on 19.02.14.<br><br><b>Unit-4</b><br><b>Boiler:</b> Boiler erection started and Drum lifted on 18.10.13. HT completed on 27.11.14. BLU completed on 21.01.15. SBO completed on 23.02.15. Unit Synchronized in 03/15 and FL achieved on 26.03.15.<br><b>TG:</b> Condenser erection completed and TG erection started on 25.03.14 and boxed-up on 20.10.14. Oil flushing completed on 13.02.14. Barring gear expected in 03/15. |  |
|                   |                                                                   | U-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 600                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 02/14                  | 04/14 | 22.02.14(A)            | 30.03.14(A)<br>09.11.14(A)  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   |                                                                   | U-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 600                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 07/14                  | 09/14 | 31.03.14(A )           | 07.01.15(A)                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   |                                                                   | U-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 600                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 09/14                  | 11/14 | 03/15 (A)              | 28.03.15(A)                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Est. approved cost (org for 4 units))                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Rs. 1280000 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Est. approved cost (latest)<br>For 4 units                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | : Rs. 1314000 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Exp. During 2011-12                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | : Rs: 289600 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Exp during 2012-13                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | : Rs. 230400 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Exp during 2013-14                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | : Rs. 270000 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Exp during 2014-15<br>( Up to 12/14)                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | : Rs. 121243 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Cum.Exp. up to 12/14                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | : Rs 911243 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Approval date:                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Consent to establish obtained from C.E>C.B on 15.11.11.                                                                                                                                                                                                                                                                                                                                                                                                         |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Zero date:                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Financial closure                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 26.03.2010                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Main Plant Order                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Main plant package (BTG) awarded in Dec.2008 on BHEL. ( Rs 5040 Crs.)                                                                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Type of fuel                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | PPA                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MOU with state Govt. JPL has to supply 30%(720MW) at the rate fixed by SERC and 5%(108 MW) at variable charges to State Govt. or its nominated agencies. PPA sign shortly.<br>U-1,2=1200MW: Aux.Com-84 MW +400MW with TANGEDCO for 20 years+56 MW with CSPTCL for 20 years<br>660 MW Untied<br>300MW for 20 years with UPPCL under finalization through MOU<br>U-3,4 =1200: Aux com- 84 MW<br>1116 MW Untied<br>416 MW Under MOU Route with CSPTCL for 20 years |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Power Evacuation system                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Agreement for LT access signed with PGCIL dated 24.02.12.                                                                                                                                                                                                                                                                                                                                                                                                       |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   |                                                                   | <ul style="list-style-type: none"><li><b>Land:</b> Land requirement for 3400 MW land requirement is 955 Ha. Land available is 766.66 Ha. Remaining land is under acquisition. Main Plant of JPL PH-II (4x600 MW) is coming up on 115 Ha land which is part of the 360 Ha approved in 1997 for Ph-I of 4x250MW. Out of 115 Ha land, JPL not able to buy 53 Ha due to ban for sale/purchase/registry of land in the prospecting lease with CMDC in Sep.,2006.</li><li><b>MOE&amp;F:</b> MOEF clearance had withdrawn the TPR for the project in 06/2010. However, MOEF accorded clearance for 2x600 MW on 18.03.11. and for U-3 &amp; 4 (2x600) received on 04.11.11. Consent to establish of the project from SPCB on 15.11.11 for domestic linkage coal for 2x600 MW and imported coal for U-3 &amp; 4.</li><li><b>Civil Aviation:</b> Clearance obtained on 22.01.10</li><li><b>Water:</b> 70 MCM Water approval received on 26.02.09</li><li><b>Coal linkage:</b> For U-I &amp;2: LOA from SECL &amp; MCL. All milestones activities related to LOA achieved. Execution of FSA is in process. For U-3 &amp;4: for in-term period till coal linkage, imported coal will be used from Mozambique.</li></ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Critical issues   |                                                                   | No PPA for remaining power and hence FSA has not signed with SECL and MCL. Evacuation problem.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Reasons for Delay |                                                                   | Delay in U-3 is due to start of boiler erection. U-4: Delay in readiness of main plant civil works. Slow progress of boiler erection.<br>Consent for transportation of coal by road yet to be received (Jindal Power)<br>Consent to operate to be obtained from SPCB<br>Unit-3 & 4: Consent to operate has been obtained from CS Govt. Only on oil. Consent to operate with coal yet to be obtained.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |

| Sl. No.                          | Project Details                                                                                | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Capacity (MW) | Commissioning Schedule |       |                        |                                    | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                  |                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               | Original               |       | Actual(A)/ As Expected |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                  |                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               | Synch                  | Comm  | Syn.                   | Comm COD                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 19.                              | <b>Bandakhar TPP<br/>Maruti Clean Coal &amp;Power Ltd<br/>Distt.- Korba ,<br/>Chhattisgarh</b> | U-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 300           | 11/12                  | 12/12 | 17.04.15 (A)           | <b>19.06.15(A)<br/>31.07.15(A)</b> | <b>Unit-1</b> <ul style="list-style-type: none"><li><b>Boiler:</b> Boiler erection started in 27.05.12. Boiler drum lifted on 06.01.13 .. HT completed on 30.07.13, Non-drainable HT completed on 09.04.14 and Chemical cleaning completed on 19.08.14. BLU completed on 22.09.14. SBO completed &amp; Oil Syn. Completed on 17.04.15 and unit achieved 94.5 MW load on 01.05.15. Full load achieved on 19.06.15</li><li><b>TG:</b> TG deck casting completed on 23.12.12. Turbine erection started on 25.01.13. TG boxed up on 22.02.14 and oil flushing completed on 14.11.14.</li></ul> |
| Est. approved cost               |                                                                                                | Rs. 145640 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Exp. During 2009-10              |                                                                                                | Rs 391 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Exp. During 2010-11              |                                                                                                | Rs. 6400 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |                        |       |                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Exp. During 2011-12              |                                                                                                | Rs. 20504 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Exp. During 2012-13              |                                                                                                | Rs. 57205 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Exp. During 2013-14              |                                                                                                | Rs.39351.7 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Exp. During 2014-15(Up to 12/14) |                                                                                                | Rs. 27448.3 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cum.Exp. up to 12/14</b>      |                                                                                                | <b>Rs 151300 lakhs</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |       |                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Zero date:</b>                |                                                                                                | 07.06.2011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Financial closure</b>         |                                                                                                | Achieved 14.01.11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Main Plant Order</b>          |                                                                                                | BTG on M/s China Western Power Industries Co. Ltd. (CWPC) on 07.06.11.<br>Boiler: China Western Power Industries Co. Ltd (CWPC), China<br>TG: Beijing Beizhong Steam Turbine Generator Co. Ltd. China                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>BOP Package</b>               |                                                                                                | EPC contract on M/s IOT Infrastructure & Energy Services Ltd. On 07.06.2011 and BTG on M/s China Western Power Industries Co. Ltd. (CWPC) on 07.06.11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Type of fuel</b>              |                                                                                                | Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                        |       |                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>PPA</b>                       |                                                                                                | PPA signed with CSPTCL for 104 MW and 171 MW on Merchant basis and 25MW auxiliary consumption. PPA as per letter dated 13.01.14, Signed back to back PPA with PTC for supply of 250 MW power to RVPNL on 01.11.13 and 5% of net power i.e 15 MW with CSPR Co. Ltd on 09.12.13.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |                        |       |                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Power Evacuation system</b>   |                                                                                                | BPTA Signed with PGCIL on 24.02.10 for open access and bank guarantee submitted to PGCIL on 23.04.10.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                  |                                                                                                | <ul style="list-style-type: none"><li><b>Land: Total Land</b> required/ Land possession – 427.83 ares/408.43 acres in position (343.04 Govt land +84.83 Pvt. Land) remaining 19.44 acres of land is tribe land. Applied for acquisition to GoCG. Section –IX notice issued on 16.01.12.</li><li><b>MOE&amp;F:</b> Environment Clearance obtained on 12.05.10. Consent to establish granted by State pollution control board on 02.11.11.</li><li><b>Civil Aviation:</b> Civil Aviation clearance from AAI obtained.</li><li><b>Water:</b> 3.09 MCM Water allocated from WRD, GoCG on 05.10.11</li><li><b>Coal linkage:</b> LOA received for 1.3003 Million Tonnes per Annum from SLC(LT). LOA issued from SECL on 26.10.10.FSA signed with M/s SECL on 28.08.13</li><li><b>BPTA:</b> BPTA signed with PGCIL on 24.02.10 for open access and bank guarantee submitted to PGCIL on 23.04.10.</li></ul> |               |                        |       |                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Critical issues</b>           |                                                                                                | Delay in start of civil works. Works suffered due to financial problem. Delay in readiness of CHP & AHP and problem in generator stator.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |                        |       |                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Reasons for Delay</b>         |                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

| Sl. No.           | Project Details                        | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Capacity (MW)                                                                                                                                                                                                                                                                                                         | Commissioning Schedule |       |                        |                             | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|-------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                       | Original               |       | Actual(A)/ As Expected |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                       | Synch                  | Comm  | Syn.                   | Comm COD                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| 20                | Balco TPS<br>Distt. Korba<br>M/s Balco | U-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 300                                                                                                                                                                                                                                                                                                                   | 07/10                  | 09/10 | 09/11(A)               | 04.06.15(A)<br>30.03.16(A)  | <b>Unit-1</b><br><b>Boiler:</b> Drum lifted on 09.05.09. HT completed on 15.09.10. .BLU completed on 25.05.11. Acid cleaning on 05.07.11. Steam blowing completed on 14.08.11. Unit synchronized with oil on 06.09.11. Re synchronized in 05/15, Full load achieved on 04.06.15<br><br><b>TG:</b> TG erection started on 12.02.10. Turbine box up Completed on 20.10.10. Oil flushing completed.<br><br><b>Unit-2</b><br><b>Boiler:</b> Drum lifted on 14.05.10. HT completed on 14.10.11. BLU completed on 10.04.12. Steam blowing completed on 25.04.12. Unit Synchronized on 22.05.12. Unit Re synchronized on 12.03.16 with oil and after that coal firing also done, unit obtained 150 MW. Unit achieved Full load on 24.03.16<br><br><b>TG:</b> TG erection started on 25.07.10. Turbine box up completed on 10.10.11. Oil flushing completed |  |
|                   |                                        | U-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 300                                                                                                                                                                                                                                                                                                                   | 02//10                 | 04/10 | 05/12(A)               | 24.03.16 (A)<br>31.03.16(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   |                                        | U-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 300                                                                                                                                                                                                                                                                                                                   | Captive Unit           |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   |                                        | U-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 300                                                                                                                                                                                                                                                                                                                   | Captive Unit           |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   |                                        | Est. approved cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                       | : Rs.465000 lakhs      |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Latest Cost 25% increase               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | : Rs. 582250 lakhs                                                                                                                                                                                                                                                                                                    |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Expenditure 2007-08                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | : Rs. 41710.5 lakhs                                                                                                                                                                                                                                                                                                   |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Expenditure 2008-09                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | : Rs. 80073 Lakhs                                                                                                                                                                                                                                                                                                     |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Expenditure 2009-10                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | :Rs . 73610 Lakhs                                                                                                                                                                                                                                                                                                     |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Expenditure 2010-11                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | :Rs . 78120 Lakhs                                                                                                                                                                                                                                                                                                     |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Expenditure 2011-12                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | :Rs . 41330 Lakhs                                                                                                                                                                                                                                                                                                     |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Expenditure 2012-13                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | :Rs . 32876 Lakhs                                                                                                                                                                                                                                                                                                     |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Expenditure 2013-14                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | :Rs 18380 Lakhs                                                                                                                                                                                                                                                                                                       |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Expenditure 2014-15 (Up to 01/15)      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | :Rs 30400 Lakhs                                                                                                                                                                                                                                                                                                       |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Cumm. Exp. ( up to 01/15)              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | :Rs 396500 Lakhs                                                                                                                                                                                                                                                                                                      |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Approval date:                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                       |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Zero date:                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 01.11.07                                                                                                                                                                                                                                                                                                              |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Financial closure                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 08/2011 for U-1 &2                                                                                                                                                                                                                                                                                                    |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Main Plant Order                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SEPCO electric Power Construction Corporation on 20.08.07 on EPC basis                                                                                                                                                                                                                                                |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Type of fuel                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Coal                                                                                                                                                                                                                                                                                                                  |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | PPA                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | As per letter dated 14.01.14: 100MW with Tamil Nadu (TANGEDCO) starting from 01.02.14 to 30.09.28, 100MW with Tamil Nadu (TANGEDCO) starting from 01.06.14 to 30.09.28 and 100MW with Kerala ( CSPTrdCL) starting from 01.03.14 to 28.02.17. PPA signed with CStrading Compy. Ltd for 5% net power ( 2x300MW) = 30 MW |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   | Power Evacuation system                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                       |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                   |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <ul style="list-style-type: none"><li>• <b>MOE&amp;F:</b> clearances received.</li><li>• <b>Civil Aviation:</b> clearances received.</li><li>• <b>Water:</b> Water allocation on 18.10.07.</li><li>• <b>Coal linkage:</b> The Taraimar ( Durgapur-II) Coal block in Chhattisgarh allotted</li></ul>                   |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Critical issues   |                                        | The issue E Visa to the SEPCO/OEMs persons is an issue and has delayed the activities like back charging, TG box up commissioning activities of critical equipment. CEA recommended to MOC for allotting 50,000 MT of coal. Project Authorities requested CEA for another 1,00,000 Tonnes of coal.                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                       |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Reasons for Delay |                                        | Collapse of Chimney, Project was delayed due to non-availability of consent to operation from the state Government. The first unit is already commissioned and COD conducted. There is no commercial interest for the Developer to commission the second unit as PPA is only for 300 MW out of plant capacity of 600 MW. However merchant sale/ short term sale can be effected for which the Dharamjaygarh link is to be made available. (2 Towers are stuck up for forest clearance) – The line is now projected for completion in Oct.’15. Accordingly, 2nd unit commissioning in Nov./ Dec.’15. |                                                                                                                                                                                                                                                                                                                       |                        |       |                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |

| Sl. No.           | Project Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Unit                                                                                                                                                                                                             | Capacity (MW) | Commissioning Schedule |       |                        |                              | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                  |               | Original               |       | Actual(A)/ As Expected |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                  |               | Synch                  | Comm  | Syn.                   | Comm COD                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| 21.               | Raikheda TPP, (Distt: Raipur)<br>M/s GMR Chhattisgarh Energy Ltd.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | U-1                                                                                                                                                                                                              | 685           | 09/13                  | 10/13 | 02.10.14 (A)           | 27.02.15 (A)<br>01.06.15 (A) | <b>Unit-1 Boiler:</b><br>Boiler erection started on 09.11.11<br>Boiler ceiling girder lifted on 11.04.12<br>Boiler HT completed on 27.03.13.<br>BLU completed on 29.04.14<br>SBO completed on 13.08.14.<br><b>Oil Synch. Completed on 02.10.14</b><br><b>Coal Firing completed on 02.11.14.</b><br><b>Full load achieved on 27.02.15.</b><br><b>COD on 01.06.15</b><br><br><b>TG:</b><br>TG deck casting completed on 10.05.12.<br>TG erection started on 13.08.12.<br>TG Boxed up on 21.03.14.<br>TG oil flushing completed on 25.04.14.<br>TG on BG done on 12.06.14<br><br><b>Unit-2 Boiler:</b> Boiler erection started on 03.04.12 and boiler structural erection is in progress.<br>Boiler ceiling girder lifted on 26.09.12.<br>Boiler HT completed on 30.07.14<br>BLU completed on 27.03.15<br>SBO started on 02.07.15<br>SBO Completed on 13.07.15<br><b>Unit Synchronized with Oil on 14.10.15</b><br><b>Full load Achieved on 28.03.16</b><br><b>TG:</b><br>TG deck casting completed on 05.10.12.<br>Condenser erection started on 16.01.13<br>TG erection started on 24.01.13.<br>TG Box up completed on 31.10.14<br>TG oil flushing completed on 10.12.14<br>TG on BG on 01.02.15 |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | U-2                                                                                                                                                                                                              | 685           | 01/14                  | 02/14 | 14.10.15 (A)           | 28.03.16 (A)<br>01.04.16 (A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | Org.Est. cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs.829000 Lakhs                                                                                                                                                                                                 |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | Latest Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : Rs. 1101600 Lakhs                                                                                                                                                                                              |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | Exp. 2007-08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | : Rs. 727 lakhs                                                                                                                                                                                                  |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | Exp. 2008-09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | : Rs. 3801 lakhs                                                                                                                                                                                                 |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | Exp. 2009-10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | : Rs. 9300 lakhs                                                                                                                                                                                                 |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | Exp. 2010-11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | : Rs. 108402 lakhs                                                                                                                                                                                               |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | Exp. 2011-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | : Rs. 204593 lakhs                                                                                                                                                                                               |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | Exp. 12-13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Rs. 313596 lakhs                                                                                                                                                                                               |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | Exp. 13-14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Rs. 198888 lakhs                                                                                                                                                                                               |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | Exp. 14-15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Rs. 150756 lakhs                                                                                                                                                                                               |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | Exp. 15-16 ( up to 11/15 )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : RS. 94308 lakhs                                                                                                                                                                                                |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | Cumm. Exp. (11/15)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | : Rs. 1084371 lakhs                                                                                                                                                                                              |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | Approval date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                  |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | Zero date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 22.01.2010                                                                                                                                                                                                       |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | Financial closure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Achieved on 10.12.10                                                                                                                                                                                             |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | Main Plant Order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BTG Contract awarded on 22.01.10 to M/s Doosan Power System India.<br>(Boiler-Doosan) (TG- Doosan                                                                                                                |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | BOP Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | all the BOPs on EPC basis have already been placed on M/s BGR Energy Systems Ltd. on 09.06.11. The EPC contract covers all the onshore supplies, civil works, erection and commissioning of the project.         |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | Type of fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Coal                                                                                                                                                                                                             |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | PPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PPA entered with Chhattisgarh State Power Trading Company Ltd. for 35% power on 05.01.11. Unable to Participating in case-I Bidding for the balance 65% PPA due to non-availability of coal block/ coal linkage. |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | Power Evacuation system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Power Evacuation System: BPTA has signed with PGCIL for Raigarh Pooling Station (Tamnar) on 11.04.11 for 400 MW.<br>As per the letter dated 15.01.14 , PPA details 474 MW for 20 years with CSPTC                |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                   | <ul style="list-style-type: none"><li>Land: 100% land acquisition completed</li><li>MOE&amp;F: clearance obtained on 09.05.11</li><li>Civil Aviation: Chimney height clearance received from AAI on 08.10.09.</li><li>Water: . 36 MCM water allocation has been received from WRD , GoC in July,09</li><li>Coal linkage: FSA signing is in progress with SECL</li></ul>                                                                                                                                                                                                                      |                                                                                                                                                                                                                  |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Critical issues   | No Coal Linkage and no PPA and no Power Evacuation Corridor to Northern Region and Southern Region. Talabira is the linked mine for unit-1 which is IN operational. Geneshpur coal mine has been allocated for Unit-2 which is expected to produce coal from April.,18 till that time tapering coal linkage is required ( 2.5 years). Coal Linkage is awaited. PPA for balance 65% power is yet to be signed (due to non-availability of Coal Block/Coal Linkage, unable to participate in Case-I Bidding. CEA is requested to expedite with MOC for allocation of coal linkage on priority. |                                                                                                                                                                                                                  |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Reasons for Delay | Delay in start of civil works. Progress of various activities suffered some time due to financial problems.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                  |               |                        |       |                        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |

## BROAD STATUS OF THERMAL POWER PROJECTS IN GUJARAT

| Sl. No.                                                                                                                                                                                                                                                                      | Project Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Unit  | Capacity (MW)                                                                                                                         | Commissioning Schedule |       |                        |              | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
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|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                                                                                                                                       | Original               |       | Actual(A)/ As Expected |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                                                                                                                                       | Synch / Comm           | COD   | Synch/ Comm            | COD          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| State Sector                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                                                                                                                                       |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
|                                                                                                                                                                                                                                                                              | Pipavav CCPP, Ph-I, GSPC PIPAVAV Power Cop. Ltd., Distt: Amreli, GPPCL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Blk-I | GT=222<br>ST=129                                                                                                                      | 07/10<br>09/10         | 09/10 | 10/13(A)<br>02/14(A)   | 02/14<br>(A) | <b>Block-I:</b> <ul style="list-style-type: none"><li>On 08.08.09, truck carrying GT-1 from Mudra port to Pipavav site fell into river due to collapse of 3<sup>rd</sup> span slab of the bridge over Shetrunji river near Bhavnagar (about 100 km from site). BHEL have now supplied new GT in place of that GT.</li><li><b>GT-1:</b> Supply of GT was received at site on 10.7.11. GT erection started in 09/11. The work on Blk-I was on hold due to supply of damaged compressor rotor of GT-1. Replacement of damaged stator vanes has completed. Now GT has boxed up. <b>GT FSNL achieved on 09.10.13.</b> GT synchronized on 10.10.13. IBH header rectification work completed on 03.12.13.</li><li><b>HRSG-1:</b> Erection started on 24.11.09. HT completed in 11/11. Re-hydro test completed on 15.8.13. <b>ABO completed on 11/12.10.13.</b>SBO started on 15.10.13 but stopped due to IBH header failure on 18.10.13. Now after rectification of IBH header <b>SBO restarted on 10.12.13 and completed on 13.12.13. Normalization completed by end 12/13.</b></li><li><b>ST-I:</b> Supply of HP-IP &amp; LPT turbine received at site. Erection started on 22.10.11. ST box up already achieved. Oil flushing completed. TG is on Barring Gear. GRP pipeline rectification work started on 03.12.13 and completed on 15.01.14. Steam Dumping completed on 20.01.14. <b>ST synch. achieved on 01.02.14. Combined cycle commissioning achieved on 5.2.14.</b></li><li>There is no provision of by pass stack hence GTs can not run in open cycle.</li></ul> <b>Block-II:</b> <ul style="list-style-type: none"><li>GT-2 turning gear operation achieved on 01.03.13. Cranking done on 3.3.13. FSNL achieved on 06.03.13. Synchronization achieved on 13.03.13. ST synchronization achieved on 26.03.13. Combined cycle commissioning achieved on 27 03.13 (Base load of 338MW).</li></ul> <b>BoPs:</b> <ul style="list-style-type: none"><li><b>Though there was lot of delay in completion of most of the BoPs by BHEL and their sub-vendors. Now all the BoPs are ready.</b></li></ul> |  |
|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Blk-2 | GT=222<br>ST=129                                                                                                                      | 10/10<br>11/10         | 11/10 | 03/13(A)<br>03/13(A)   | 03/13<br>(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Original Estd. Cost</b>                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | : Rs.235429 Lakhs                                                                                                                     |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Latest Est. Cost</b>                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | : Rs.302900 Lakhs                                                                                                                     |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Expenditure upto 03/08                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | : Rs. 23214 Lakhs                                                                                                                     |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Expenditure during 2008-09                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | : Rs. 8272 Lakhs                                                                                                                      |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Expenditure during 2009-10                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | : Rs. 40247 Lakhs                                                                                                                     |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Expenditure during 2010-11                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | : Rs. 55841 Lakhs                                                                                                                     |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Expenditure during 2011-12                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | : Rs. 69524 Lakhs                                                                                                                     |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Expenditure during 2012-13                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | : Rs. 30767 Lakhs                                                                                                                     |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Expenditure during 2013-14                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | : Rs.23401 Lakhs                                                                                                                      |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Total Expenditure</b>                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | :Rs.251266 Lakhs                                                                                                                      |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Approval date:</b>                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | : NA                                                                                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Zero date:</b>                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | : 29/03/08                                                                                                                            |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Notice To Proceed (NTP)</b>                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | : 29/03/08                                                                                                                            |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Financial closure</b>                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | : 24/01/08                                                                                                                            |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Main Plant Order</b>                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | : LOA on 27 /12 /07 , BHEL (actual order in March 08)on EPC basis                                                                     |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>BOP Package</b>                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | :BHEL on EPC basis                                                                                                                    |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Type of fuel</b>                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | : Natural Gas(base fuel)/LNG (3.2 mmscmd gas from GSPC)                                                                               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>PPA</b>                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | :GUVNL                                                                                                                                |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Source and supply of Fuel</b>                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | : Gas supply agreement with M/s GSPC and Gas transportation agreement with M/s GSPL                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Power Evacuation system</b>                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | : 3 Double Ckt 220 kV line erected by GETCO:<br>1. Pipavav- Saverkundla line<br>2. Pipavav- Dhokabada line<br>3. Pipavav- Mahuva line |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <ul style="list-style-type: none"><li>All required clearances are available.</li><li>Sea water intake and outfall system is ready (GPPC).</li><li>Switchyard back-charging completed on 22.10.11.</li><li>Power evacuation arrangement ready for 900MW from 07/12.</li></ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                                                                                                                                       |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Critical issues</b>                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"><li><b>The permanent rectification of GRP pipeline and completion of pending civil works were very critical in the project.</b></li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |                                                                                                                                       |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Reasons for Delay</b>                                                                                                                                                                                                                                                     | <ul style="list-style-type: none"><li>Delay in supply of GT by BHEL.</li><li>Supply of pending DUs for GT-2 from BHEL Hyderabad and other BHEL units .</li><li>BHEL/BJCL were slow in execution of civil works. (less manpower)</li><li>All the jobs of unit-1 were put on hold due to Gas Turbine rotor Damage on 12.02.12. FF system, ECP, RODM, CW&amp;ACW DG set and Expansion bellows.</li><li>GT erection progress was very slow due to poor support from BHEL-Hyderabad and less manpower of M/s Indwell. Poor quality of on base pipes had further delayed the erection work.</li><li>Damage of GT-1 due to fall in river during transition.</li><li>Damage of compressor rotor of GT-1.</li><li>Delay in readiness of BoPs by BHEL/Sub-vendors.</li><li>Less manpower and non-availability of gas also delayed the project.</li></ul> |       |                                                                                                                                       |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |

| Sl. No.                                                                                                                   | Project Details                                   | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Capacity (MW)                                              | Commissioning Schedule |       |                        |           | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------|-------|------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                                                                           |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                            | Original               |       | Actual(A)/ As Expected |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                           |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                            | Synch/. Comm           | COD   | Synch/. Comm           | COD       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| State Sector                                                                                                              |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                            |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                           | Ukai TPS Extn. Unit-6 GSECL, Dist : Tapi, Gujarat | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 500                                                        | 12/10 01/11            | 03/11 | 10/12(A) 03/13(A)      | 06/13 (A) | <b>Boiler:</b><br>Boiler erection started on 06.05.09. Boiler Drum lifted on 31.12.2009. Hydraulic test completed on 14.10.10. BLU completed on 07.03.12. EDTA completed in 04/12. SBO started in 06/12 and completed in 08/12. <b>Oil synchronization achieved on 01.10.12.</b> Coal synchronization achieved on 25.12.12. Full load achieved on 5.3.13. <b>COD achieved on 08.06.13.</b><br><br><b>TG:</b><br>T.G deck casting completed. TG Erection started on 12.07.11. TG box up completed on 27.02.12. TG oil flushing completed in 07/12. TG deck floating completed in 09/12. <b>TG put on BG on 21.09.12.</b><br><br><b>BoPs:</b><br><br>• <b>The order of this project was placed on BHEL on EPC Basis. Most of the BoPs were delayed by BHEL. The project was commissioned with water and coal contingency from the existing plant.</b> |  |
| Original Estd. Cost                                                                                                       |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : Rs. 195000 Lacs                                          |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Latest Est. Cost                                                                                                          |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : Rs. 217950 Lacs                                          |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2007-08                                                                                                |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : Rs. 11750.00 Lacs                                        |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2008-09                                                                                                |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : Rs. 23484.36 Lacs                                        |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2009-10                                                                                                |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : Rs. 47076.96 Lacs                                        |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2010-11                                                                                                |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : Rs. 62383.64 Lacs                                        |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2011-12                                                                                                |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : Rs 40864.89 Lacs                                         |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2012-13                                                                                                |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : Rs 59375.60 Lakh                                         |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2013-14                                                                                                |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : Rs 45200.51 Lakh                                         |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2014-15                                                                                                |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : Rs 13953.13 Lakh                                         |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2015-16                                                                                                |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : Rs 3682.2 Lakh                                           |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Total Expenditure (11/16)                                                                                                 |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : Rs 307805.15 Lakh                                        |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Approval date:                                                                                                            |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | :NA                                                        |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Zero date:                                                                                                                |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : 06.10.07                                                 |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Notice To Proceed (NTP)                                                                                                   |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                            |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Financial closure                                                                                                         |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : 21.09.07                                                 |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Main Plant Order                                                                                                          |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : 07.09.07 .on M/s BHEL (EPC)                              |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| BOP Package                                                                                                               |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : BHEL (EPC)                                               |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Type of fuel                                                                                                              |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | :Coal                                                      |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| PPA                                                                                                                       |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : GUVNL(1.01.11)                                           |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Source and supply of Fuel                                                                                                 |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | , Coal allocated from captive mines- Machhakata in Orissa. |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Power Evacuation system                                                                                                   |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : Existing                                                 |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <ul style="list-style-type: none"><li>MOE&amp;F clearance obtained on 13.06.08</li><li>All clearances received.</li></ul> |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                            |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Critical issues                                                                                                           |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                            |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Reasons for Delay                                                                                                         |                                                   | Inadequate and non-sequential supply of BTG material by BHEL. Delay in placement of order for BoPs by BHEL.Delay in readiness of BoPs by BHEL/Sub-vendors.Shortage of manpower by BHEL/sub-vendors. During the execution of the project criticalities such as completion of water system, RHS Milling system, AHP&CHP. There was delay in placement of order for BOPs such as PT, DM, AC, FO, C&I, switchgear, HT/LT, power Transformer, Fire Protection and Insulation etc. Compactness of site were faced. |                                                            |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |

| Sl. No.           | Project Details                              | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Capacity (MW)                                                                                                                                                                                                                                                                                                                                                                     | Commissioning Schedule |       |                        |              | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   |                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                   | Original               |       | Actual(A)/ As Expected |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   |                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                   | Synch/ Comm            | COD   | Synch/ Comm            | COD          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| State Sector      |                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | SikkaTPS Extn. GSECL, Dist: Jamnagar Gujarat | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 250                                                                                                                                                                                                                                                                                                                                                                               | 08/13<br>10/13         | 11/13 | 02/15(A)<br>03/15(A)   | 09/15<br>(A) | <b>Unit-3 Boiler</b><br>Boiler civil works started on 09.08.11. Boiler erection started from 24.10.11. Boiler drum lifted on 29.03.12. HT completed on 02.03.13. BLU completed on 22.03.14. HT (Non-Drainable) completed on 10.07.14. EDTA completed on 19.11.14. <b>SBO completed on 31.12.14.</b> ST-3 charged on 30.10.14. <b>Oil synchronization achieved on 09.02.15.</b> ERH completed on 24.03.15. <b>Coal firing achieved on 25.03.15.</b> Full load achieved on 29.03.15. COD achieved on 14.09.15. |
|                   |                                              | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 250                                                                                                                                                                                                                                                                                                                                                                               | 11/13<br>01/14         | 02/14 | 08/15(A)<br>09/15(A)   | 12/15<br>(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Original Estd. Cost                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : Rs. 200400 Lakh                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Latest Est. Cost                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : Rs 235600 Lakh                                                                                                                                                                                                                                                                                                                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Expenditure during 2007-08                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : Rs. 15500.00 Lakh                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Expenditure during 2008-09                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : Rs. 24192.70 Lakh                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Expenditure during 2009-10                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : Rs. 33706.20 Lakh                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Expenditure during 2010-11                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : Rs 18324.40 Lakh                                                                                                                                                                                                                                                                                                                                                                |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Expenditure during 2011-12                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : Rs 58856.44 Lakh                                                                                                                                                                                                                                                                                                                                                                |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Expenditure during 2012-13                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : Rs 70749.26Lakh                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Expenditure during 2013-14                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : Rs 31594.15Lakh                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Expenditure during 2014-15                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : Rs 50235.80 Lakh                                                                                                                                                                                                                                                                                                                                                                |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Expenditure during 2015-16                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : Rs 27570.51 Lakh                                                                                                                                                                                                                                                                                                                                                                |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Total Expenditure (11/16)                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : Rs.330729.46 Lakh                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Approval date:                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | :NA                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Zero date:                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : 22.05.07 (Revised date is 10.07.11)                                                                                                                                                                                                                                                                                                                                             |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Notice To Proceed (NTP)                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | :10.07.11                                                                                                                                                                                                                                                                                                                                                                         |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Financial closure                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : 30.03.10                                                                                                                                                                                                                                                                                                                                                                        |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Main Plant Order                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : 10.05.07 on M/s BHEL (EPC)                                                                                                                                                                                                                                                                                                                                                      |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | BOP Package                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (Boiler design modified by BHEL for imported coal)                                                                                                                                                                                                                                                                                                                                |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Type of fuel                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : Imported Coal                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | PPA                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | :GUVNL(01.01.11)                                                                                                                                                                                                                                                                                                                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Source and supply of Fuel                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Imported Coal                                                                                                                                                                                                                                                                                                                                                                     |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Power Evacuation system                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : Made ready by GETCO 6 months before COD.                                                                                                                                                                                                                                                                                                                                        |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   |                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"><li>MOE&amp;F clearance obtained on 28.06.10.</li><li>M/s TCE appointed as consultant.</li><li>Construction activities started from 06.07.10.</li><li>Revised L1 schedule approved on 21.12.11.</li><li>U-3 erection agency for BTG M/s Karpara has been replaced by M/s Power Mech Engrs (Boiler) and M/s Alpha Power Engg.,Pvt Ltd.</li></ul> |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Critical issues   |                                              | <ul style="list-style-type: none"><li>Readiness of CHP&amp; AHP</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Reasons for Delay |                                              | <ul style="list-style-type: none"><li>Very slow work progress at CHP area by BHEL(ISG)</li><li>Very slow erection work progress in HP/LP piping, Cabling work of Unit-3&amp;4</li><li>Slow progress for erection of GRP piping for CW system.</li><li>Slow progress of Chimney structure &amp; platform erection.</li><li>Mechanical Erection work in CHP area was put on hold by M/s Elecon.</li><li>Due to non-readiness of Bottom ash and Fly ash handling system of #4 , coal firing activity of #4 was delayed. Also slow civil work Progress in CHP &amp; AHP areas by BHEL (ISG).</li><li>Change of Boiler and TG erection agency</li></ul>   |                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   |                                              | <b>Unit-4 Boiler</b><br>Boiler civil works started on 09.08.11. Boiler erection started on 09.01.12. Boiler drum lifting completed on 23.05.12. HT completed on 30.06.13. BLU completed on 18.10.14. EDTA completed on 23.01.15. SBO started on 21.02.15 and completed on 03.03.15. Unit normalization also completed. GT-4 back charged on 24.03.15 & it tripped on differential & Buchholz protection after running of two hours. After detailed investigation, GT sent to BHEL-Bhopal for repairing and reached back at site in 07/15. <b>Oil Synchronization achieved on 30.08.15.</b> Full load achieved on 25.09.15. COD achieved on 27.12.15. |                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   |                                              | <b>TG</b><br>TG civil works started 09.08.11. TG erection started in 01/13. TG Box up completed on 14.03.14. TG oil flushing completed on 10.03.15. <b>TG put on BG on 15.03.15.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                   |                                              | <b>BoPs:</b><br><ul style="list-style-type: none"><li>As the project was on EPC basis to BHEL. There was delay in readiness of BoPs. Though both the units have already been commissioned with contingencies, CHP is yet to be made ready.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

| Sl. No.                      | Project Details                                                                         | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Capacity (MW) | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                              |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                              |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               | Synch/ Comm            | COD   | Synch/ Comm            | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| State Sector                 |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                              | Bhavnagar Lignite TPP, Bhavnagar Energy Company Limited(BECL), Dist: Bhavnagar, Gujarat | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 250           | 01/13<br>02/13         | 03/13 | 11/15(A)<br>05/16(A)   | 09/16 | <b>Unit-1 Boiler</b><br>Boiler erection started on 23.12.11. Boiler drum lifted on 03.06.12. HT completed on 01.06.13. ST charging completed in 09/14. BLU achieved on 28.02.15. EDTA completed in 05/15. SBO started on 15.07.15 and completed on 04.10.15. Unit normalization also completed. Steam dumping completed on 22.11.15. TG rolling done on 23.11.15.<br><b>Synchronization (Oil) achieved on 25.11.15. Synchronization with Lignite achieved on 08.05.16. Commissioning/Full Load achieved on 16.05.16.</b><br><br><b>TG</b><br>Condenser erection started in 05/13. TG erection started in 06/13. EOT crane commissioned on 17.03.13. <b>TG Box completed on 27.06.14.</b> TG Oil flushing completed on 25.05.15. <b>TG put on BG on 26.10.15.</b><br><br><b>Unit-2 Boiler</b><br>Boiler erection started on 12.05.12. Boiler drum lifting completed on 13.10.12. <b>HT completed on 29.06.14. Refractory dry out completed on 24.05.15.</b> BLU completed on 15.12.15. <b>EDTA started on 28.01.16. SBO started on 14.02.16 and completed in 02/16. Normalization completed in 05/16. Synchronization (Oil) achieved on 09.06.16. Synchronization (Lignite) achieved on 14.06.16(with contingency arrangement of Lignite).</b> Commissioning is expected in 03/17.<br><br><b>TG</b><br>TG deck casting completed on 04.06.13. TG erection started on 01.12.13. <b>TG Box completed on 26.12.14.</b> TG oil flushing completed in 11/15. <b>TG put on BG on 05.02.16.</b><br><br><b>BoPs:</b> <ul style="list-style-type: none"><li><b>Chimney:</b> Awarded to M/s Gammon India Limited. Shell concreting completed. Flue cane erection completed and commissioned for both the units.</li><li><b>Lignite &amp; Lime Handling System:</b>This order is with M/s Indure Pvt. Ltd. The work is lagging far behind the schedule. The vendor is facing the Financial constraints.</li><li><b>AHP:</b> This package has been awarded to M/s McNally Bharat Engineering Company Ltd. M/s MBECL is also facing internal Financial crunch, hence work progress is very slow.</li><li><b>Raw Water Supply System:</b> `Sea Water has been envisaged for this project. However, due to ROW issue Sea Water system could not be made ready. Alternate Sweet water supply system has been prepared.</li><li><b>PT/ DM Plant:</b> This package is with M/s Indure Pvt. Ltd. All the system already commissioned.</li><li><b>CW System:</b> Awarded to M/s Marg Group Ltd. All the CW pumps have been commissioned.</li><li><b>NDCT:</b> Being executed by M/s Paharpur Cooling Towers Ltd. Both the NDCT already commissioned.</li><li><b>FOPH:</b> Completed.</li></ul> <b>Switchyard:</b> Completed in all respects and charged. |
|                              |                                                                                         | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 250           | 04/13<br>05/13         | 06/13 | 06/16 (A)<br>09/16     | 03/17 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Original Estd. Cost          |                                                                                         | : Rs. 374208 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Latest Est. Cost             |                                                                                         | : Rs. 422311 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Expenditure during 2010-11   |                                                                                         | : Rs. 42533 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Expenditure during 2011-12   |                                                                                         | : Rs. 75389 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Expenditure during 2012-13   |                                                                                         | : Rs. 123720 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Expenditure during 2013-14   |                                                                                         | : Rs. 75612 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Expenditure during 2014-15   |                                                                                         | : Rs. 44954 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Expenditure during 2015-16   |                                                                                         | : Rs. - Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Total Expenditure(upto03/15) |                                                                                         | : Rs.362215 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Approval date:               |                                                                                         | : NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Zero date:                   |                                                                                         | : 18.02.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Notice To Proceed (NTP)      |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Financial closure            |                                                                                         | : Achieved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Main Plant Order             |                                                                                         | : 18.02.10 on M/s BHEL (BTG)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| BOP Package                  |                                                                                         | : Reputed Indian Vendors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Type of fuel                 |                                                                                         | : Lignite (Captive Mines)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PPA                          |                                                                                         | : GUVNL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Source and supply of Fuel    |                                                                                         | : Captive mines                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Power Evacuation system      |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                              |                                                                                         | <ul style="list-style-type: none"><li>All required clearances are available.</li><li>M/s TCE appointed as consultant.</li><li>Zero date of the project is 18.02.10.</li><li>Order for all the BOP packages already placed and site mobilized.</li><li>They are having their own captive Lignite mines (Four Km from project site).</li><li>Lime is from 44 Km away lime mines.</li><li>DCS charged on 26.02.15.</li></ul>                                                                                                                                          |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Critical issues              |                                                                                         | Readiness of Lignite and Lime Handling by M/s Indure and MBECL. Readiness of Sea Water Intake & outfall.                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Reasons for Delay            |                                                                                         | Being CFBC Boiler that too 250MW Lignite based. Lot of design modification done. Non readiness of Lignite and Lime handling system. Non readiness of AHP. Due to non-readiness of Sea Water intake system alternate arrangement of sweet water has been made. As the allocated Lignite mines are yet to be made ready, the Lignite has been arranged from other mines. <b>Failure of Turbine bearing has been sent for rectification at BHEL works.</b> Sequential availability of material for erection by BHEL. Manpower mobilization by Sub-contractor of BHEL. |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

| Sl. No.                                 | Project Details                                | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Capacity (MW) | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                            |
|-----------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                         |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                         |
|                                         |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               | Synch/ Comm            | COD   | Synch/ Comm            | COD   |                                                                                                                                                                                                         |
| State Sector                            |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                         |
|                                         | Wanakbori TPS Extn. GSECL, Dist: Kheda Gujarat | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 800           | 07/18<br>10/18         | 10/18 | 07/18<br>10/18         | 10/18 | <b>Unit-8 Boiler</b><br>Boiler civil works started on 17.10.15. Boiler erection started on 25.02.16.<br><b>TG</b><br>TG civil works started on 21.12.15. Condenser erection start is expected in 01/17. |
| Original Estd. Cost                     |                                                | : Rs.353651 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                         |
| Latest Est. Cost                        |                                                | : Rs 353651 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                         |
| Expenditure during 2014-15              |                                                | : Rs.12701 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                         |
| Expenditure during 2015-16              |                                                | : Rs.48760 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                         |
| Expenditure during 2016-17 (Upto 11/16) |                                                | : Rs.68443.15 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |       |                                                                                                                                                                                                         |
| Total Expenditure (Upto 11/16)          |                                                | : Rs. 129904.15 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |       |                                                                                                                                                                                                         |
| Approval date:                          |                                                | ;NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                        |       |                                                                                                                                                                                                         |
| Zero date:                              |                                                | : 21.10.14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |       |                                                                                                                                                                                                         |
| Notice To Proceed (NTP)                 |                                                | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |                        |       |                        |       |                                                                                                                                                                                                         |
| Financial closure                       |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                         |
| Main Plant Order                        |                                                | : 21.10.14. on M/s BHEL, EPC basis<br><b>Boiler: Alstom Power INC</b><br><b>TG: Siemens AG Germany</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                         |
| BOP Package                             |                                                | : BHEL, EPC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |                        |       |                        |       |                                                                                                                                                                                                         |
| Type of fuel                            |                                                | : Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                         |
| PPA                                     |                                                | :PPA signed on 01.01.2011 with GUVNL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                         |
| Source and supply of Fuel               |                                                | : Coal Block                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |       |                                                                                                                                                                                                         |
| Power Evacuation system                 |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                         |
|                                         |                                                | <ul style="list-style-type: none"><li>All mandatory clearances are available.</li><li>BoPs orders placed by BHEL.</li><li>Power evacuation system readiness is expected 6 months before COD.</li><li>Topographical &amp; Soil investigation work is completed.</li><li>Order for Site grading work is placed by BHEL and work has been completed.</li><li>Work contracts for Material management, Storage yard Development and construction power distribution are awarded by BHEL.</li><li>LOI for RCC Chimney placed on M/s Bygging India Ltd.on 11.06.15.</li><li>BHEL issued order for civil work to M/s BJCL for Boiler to Chimney area.</li></ul> |               |                        |       |                        |       |                                                                                                                                                                                                         |
| Critical issues                         |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                         |
| Reasons for Delay                       |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                         |

| Sl. No.           | Project Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Unit                                | Capacity (MW)                                                                                                                                                                                                                    | Commissioning Schedule |       |                        |              | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                     |                                                                                                                                                                                                                                  | Original               |       | Actual(A)/ As Expected |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                     |                                                                                                                                                                                                                                  | Synch/ Comm            | COD   | Synch/ Comm            | COD          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Private Sector    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                     |                                                                                                                                                                                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | DGEN Mega Combined Cycle Power Project<br>(M/s Torrent Energy Limited), Dahej SEZ, Bharuch                                                                                                                                                                                                                                                                                                                                                                                                                           | Mod-1                               | 400                                                                                                                                                                                                                              | 12/11<br>01/12         | 01/12 | 12/13(A)<br>01/14(A)   | 01/14<br>(A) | <b>MODULE-I</b><br>The order for main plant civil & structural work has been awarded on Gammon India and M/s Simplex Infrastructure. The order for GT, GTG, ST, STG along with condenser has placed on M/s Siemens AG, Germany. The order for HRSG has placed on M/s Doosan Korea. <b>Module-I achieved baseload on 12.01.14.</b><br><br><b>MODULE-II</b><br>Piling work completed and foundations also completed. HRSG erection started in 06/11. All the three drums lifted. ST & STG supply and erection also completed. <b>Module-II achieved baseload on 23.04.14.</b><br><br><b>MODULE-III</b><br>HRSG erection started in 09/11. <b>Module-III achieved base load on 09.03.14.</b><br><br>BoPs:<br><br>• All BoPs were commissioned as per schedule. |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mod-2                               | 400                                                                                                                                                                                                                              | 02/12<br>03/12         | 03/12 | 04/14(A)<br>04/14(A)   | 04/14<br>(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mod-3                               | 400                                                                                                                                                                                                                              | 04/12<br>06/12         | 06/12 | 03/14(A)<br>03/14(A)   | 03/14<br>(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Original Estd. Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                     | Rs.550000 Lakhs                                                                                                                                                                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Latest Est. Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                     | Rs.574319 Lakhs                                                                                                                                                                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Expenditure during 2010-11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                     | Rs.98614Lakhs                                                                                                                                                                                                                    |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Expenditure during 2011-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                     | Rs.150397Lakhs                                                                                                                                                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Expenditure during 2012-13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                     | Rs.161224Lakhs                                                                                                                                                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Expenditure during 2013-14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                     | Rs.58450 Lakhs                                                                                                                                                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Expenditure during 2014-15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                     | Rs.83073 Lakhs (Upto 09/14)                                                                                                                                                                                                      |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Total Expenditure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                     | Rs. 551758 Lakhs                                                                                                                                                                                                                 |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Approval date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                     |                                                                                                                                                                                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Zero date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                     | : 02.07.10                                                                                                                                                                                                                       |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Notice To Proceed (NTP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     |                                                                                                                                                                                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Financial closure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                     | Achieved on 21.05.11                                                                                                                                                                                                             |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Main Plant Order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                     | : 02.07.10 on M/s SIEMENS AG, Germany & SIEMENS India Ltd.                                                                                                                                                                       |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | BOP Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                     |                                                                                                                                                                                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Type of fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                     | Natural Gas                                                                                                                                                                                                                      |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | PPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                     |                                                                                                                                                                                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Source and supply of Fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                     |                                                                                                                                                                                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Power Evacuation system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     | The project implementing agency is also the distribution licensee for the entire Dahej SEZ. Excess power shall be evacuated through 400 kV and 220 kV networks. Application for grid connectivity has already been made to PGCIL |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | <ul style="list-style-type: none"><li>All statutory clearances are available.</li><li>Order for all the BOPs has already been placed and progressing as per schedule.</li><li>Single shaft (or common shaft) configuration is being used in the project. F Class gas turbines (V94.3A) of high efficiency (more than 58%) will be used.</li><li>M/s Tata Consultant Engineers is appointed for engineering review, project monitoring and quality assurance for the project.</li><li>FSA yet to be signed.</li></ul> |                                     |                                                                                                                                                                                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Critical issues   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Allocation of domestic Natural Gas. |                                                                                                                                                                                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Reasons for Delay |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Non-availability of Gas             |                                                                                                                                                                                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |

| Sl. No.                             | Project Details                                            | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Capacity (MW) | Commissioning Schedule |       |                        |              | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                     |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               | Original               |       | Actual(A)/ As Expected |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                     |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               | Synch/ Comm            | COD   | Synch/ Comm            | COD          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Private Sector                      |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                     | UNOSUGEN CCPP, (M/s Torrent Energy Limited), Kamrej, Surat | Mod-I                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 382.5         | 02/12<br>03/12         | 03/12 | 12/12(A)<br>01/13(A)   | 01/13<br>(A) | <b>MODULE-I</b><br>The order for main plant civil & structural work was awarded on M/s Simplex Infrastructure. Single shaft (or common shaft) configuration (1GT+1ST+1HRSG +1Gen.) is being used in the project Class gas turbines (V94.3A) of high efficiency (more than 58%) has been used. Main Machine erection started in 08/11. Power evacuation is from 400 kV GIS. Commissioning in <b>open cycle achieved on 03.12.12. Combined cycle commissioning achieved on 20.01.13. COD achieved on 04.04.13.</b><br><br><b>BoPs:</b><br><br>All BoPs were commissioned as per schedule. |
| Original Estd. Cost                 |                                                            | Rs.183333 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Latest Est. Cost                    |                                                            | Rs. 183333Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Expenditure during 2010-11          |                                                            | Rs. 35123 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Expenditure during 2011-12          |                                                            | Rs. 25177 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Expenditure during 2012-13          |                                                            | Rs. 45000 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Expenditure during 2013-14          |                                                            | Rs. 55000 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Expenditure during 2014-15          |                                                            | Rs. 20000 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Total Expenditure                   |                                                            | Rs. 180300 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Approval date:                      |                                                            | :NA                                                                                                                                                                                                                                                                                                                                                                                                                                                          |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Zero date:                          |                                                            | 02.07.10                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Notice To Proceed (NTP)             |                                                            | : 02.07.10                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Financial closure                   |                                                            | :Achieved                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power Train Order (GT+ST+Gen+ Cond) |                                                            | 02.07.10 on M/s SIEMENS AG, Germany & SIEMENS India Ltd.                                                                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| HRSG:                               |                                                            | Doosan Heavy Engineering, South Korea.                                                                                                                                                                                                                                                                                                                                                                                                                       |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| BOP Package                         |                                                            | ; Reputed Indian Vendors                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Type of fuel                        |                                                            | Natural Gas                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PPA                                 |                                                            | : Torrent                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Source and supply of Fuel           |                                                            | : Natural Gas                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power Evacuation system             |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                     |                                                            | <ul style="list-style-type: none"><li>All statutory clearances are available.</li><li>Order for all the BOPs has already been placed and completed as per schedule.</li><li>M/s Tata Consultant Engineers is appointed for engineering review, project monitoring and quality assurance for the project.</li><li>Gas pipeline connectivity: sufficient capacity available in existing 24” GSPL Spur line and ready to connect.</li><li>FSA signed.</li></ul> |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Critical issues                     |                                                            | Allocation of domestic Natural Gas.                                                                                                                                                                                                                                                                                                                                                                                                                          |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reasons for Delay                   |                                                            | Non-availability of Gas                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

| Sl. No.                    | Project Details                                 | Unit                                                                                                                                                                                          | Capacity (MW) | Commissioning Schedule |       |                        |              | Broad Status                                                                                                                                                                                                                                                                            |
|----------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            |                                                 |                                                                                                                                                                                               |               | Original               |       | Actual(A)/ As Expected |              |                                                                                                                                                                                                                                                                                         |
|                            |                                                 |                                                                                                                                                                                               |               | Synch/ Comm            | COD   | Synch/ Comm            | COD          |                                                                                                                                                                                                                                                                                         |
| Private Sector             |                                                 |                                                                                                                                                                                               |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
|                            | Salaya TPP Ph-I. Unit-2<br>Essar Power, Gujarat | 2                                                                                                                                                                                             | 600           | 04/12<br>06/12         | 06/12 | 04/12(A)<br>06/12(A)   | 06/12<br>(A) | <u>Unit-2</u><br>HT completed on 13.09.11. BLU completed on 26.02.12. TG box up completed on 20.02.12. Synchronised on 03.04.12. <b>Full load achieved on 13.06.12. Achieved COD on 15.06.12.</b><br><br><u>BoPs:</u><br><br>Except CHP, all the BoPs more or less timely commissioned. |
| Original Estd. Cost        |                                                 | : Rs. 482000 Lacs (including U-1)                                                                                                                                                             |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
| Latest Est. Cost           |                                                 | : Rs. 482000 Lacs (Including U-1)                                                                                                                                                             |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
| Expenditure during 2010-11 |                                                 |                                                                                                                                                                                               |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
| Expenditure during 2011-12 |                                                 |                                                                                                                                                                                               |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
| Expenditure during 2012-13 |                                                 |                                                                                                                                                                                               |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
| Total Expenditure          |                                                 | 396486 (upto 04/12)                                                                                                                                                                           |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
| Approval date:             |                                                 |                                                                                                                                                                                               |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
| Zero date:                 |                                                 | : 09/09                                                                                                                                                                                       |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
| Notice To Proceed (NTP)    |                                                 |                                                                                                                                                                                               |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
| Financial closure          |                                                 | : 09/09                                                                                                                                                                                       |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
| Main Plant Order           |                                                 | 21.11.2007.on M/s Harbin Power                                                                                                                                                                |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
| BOP Package                |                                                 |                                                                                                                                                                                               |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
| Type of fuel               |                                                 | Coal                                                                                                                                                                                          |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
| PPA                        |                                                 |                                                                                                                                                                                               |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
| Source and supply of Fuel  |                                                 |                                                                                                                                                                                               |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
| Power Evacuation system    |                                                 |                                                                                                                                                                                               |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
|                            |                                                 | <ul style="list-style-type: none"><li>MOE&amp;F clearance obtained on 17.07.09.</li><li>BTG:-Harbin Power Equipment.</li><li>Coal Linkage:-Imported coal from Indonesia/Mozambique.</li></ul> |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
| Critical issues            |                                                 | Allocation of indigenous coal for blending.                                                                                                                                                   |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |
| Reasons for Delay          |                                                 | To some extent CHP readiness.                                                                                                                                                                 |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                         |

## BROAD STATUS OF THERMAL POWER PROJECTS IN MADHYA PRADESH

| Sl. No.           | Project Details                                                                                                                                                                                                                                                                               | Unit                  | Capacity (MW)                                     | Commissioning Schedule |       |                        |          | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------|------------------------|-------|------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   |                                                                                                                                                                                                                                                                                               |                       |                                                   | Original               |       | Actual(A)/ As Expected |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   |                                                                                                                                                                                                                                                                                               |                       |                                                   | Synch/ Comm            | COD   | Synch/ Comm            | COD      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| State Sector      |                                                                                                                                                                                                                                                                                               |                       |                                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | SatpuraTPS Extn.(Sarni) (Dist. Betul) MPPGCL                                                                                                                                                                                                                                                  | 10                    | 250                                               | 12/11<br>02/12         | 03/12 | 02/13(A)<br>03/13(A)   | 08/13(A) | <b>Unit-10</b><br>Boiler erection started on <b>08.04.10</b> . Drum lifted in <b>12/10</b> . Hyd test completed on <b>04.11.11</b> . BLU completed on <b>10.10.12</b> . SBO completed on <b>04.01.13</b> . TG deck casting completed on <b>30.4.11</b> . Condenser erection started in <b>7/11</b> . TG erection started in <b>12/11</b> . TG box up completed in <b>10/12</b> . TG oil flushing completed on <b>13.01.13</b> . TG put on barring gear on <b>30.01.13</b> . Synchronized on <b>22.02.13</b> . Coal bunkering started on <b>22.02.13</b> . Full load achieved on <b>22.03.13</b> . <b>COD achieved on 18.08.13.</b> |
|                   |                                                                                                                                                                                                                                                                                               | 11                    | 250                                               | 02/12<br>04/12         | 05/12 | 10/13(A)<br>12/13(A)   | 03/14(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Original Estd. Cost                                                                                                                                                                                                                                                                           |                       | : Rs. 235000 Lakhs                                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Latest Est. Cost                                                                                                                                                                                                                                                                              |                       | : Rs.351400 Lakhs                                 |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Expenditure upto 03/2007                                                                                                                                                                                                                                                                      |                       | : Rs. 09 Lakhs                                    |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Expenditure during 2007-08                                                                                                                                                                                                                                                                    |                       | : Rs. 15117 Lakhs                                 |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Expenditure during 2008-09                                                                                                                                                                                                                                                                    |                       | : Rs. 96 Lakhs                                    |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Expenditure during 2009-10                                                                                                                                                                                                                                                                    |                       | : Rs 10584 Lakhs                                  |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Expenditure during 2010-11                                                                                                                                                                                                                                                                    |                       | : Rs 57040 Lakhs                                  |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Expenditure during 2011-12                                                                                                                                                                                                                                                                    |                       | : Rs 83416 Lakhs                                  |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Expenditure during 2012-13                                                                                                                                                                                                                                                                    |                       | : Rs 79436Lakhs                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Expenditure during 2013-14                                                                                                                                                                                                                                                                    |                       | : Rs 59816 Lakhs                                  |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Expenditure during 2014-15                                                                                                                                                                                                                                                                    |                       | : Rs 6612 Lakhs (upto 10/14)                      |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Total Expenditure (Upto 10/14)                                                                                                                                                                                                                                                                |                       | : Rs 311621 lakhs                                 |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Approval date:                                                                                                                                                                                                                                                                                |                       | : Accorded on 29.06.06                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Zero date:                                                                                                                                                                                                                                                                                    |                       | :27.02.09                                         |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Notice To Proceed (NTP)                                                                                                                                                                                                                                                                       |                       | : 27.02.09                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Financial closure                                                                                                                                                                                                                                                                             |                       | : 20% GoMP and 89% PFC                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Main Plant Order                                                                                                                                                                                                                                                                              |                       | : LOA placed on 31.03.08 on M/s BHEL (BTG)        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | BTG Make                                                                                                                                                                                                                                                                                      |                       | BHEL                                              |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | BOP Package                                                                                                                                                                                                                                                                                   |                       | :EPC on McNally Bharat                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Type of fuel                                                                                                                                                                                                                                                                                  |                       | : COAL( Linkage awaited) By WCL for 1.85 mtpa.    |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | PPA                                                                                                                                                                                                                                                                                           |                       | : With MPTradco on 04.01.11                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Source and supply of Fuel                                                                                                                                                                                                                                                                     |                       | : FSA signed on 02.01.13 with WCL for 1.8513 MTPA |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | Power Evacuation system                                                                                                                                                                                                                                                                       |                       | : 400 kv Sarni-Ashtha Lines                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   | <ul style="list-style-type: none"><li>• OEF clearance: 27.02.09 obtained.</li><li>• PCB Clearance: Obtained on 06.09.11 from MPPCB.</li><li>• and: Land available.</li><li>• ain plant civil work agency: : M/s Sunil Hitech.</li><li>• PC for BOP: : M/s McNally Bharat.</li><li>•</li></ul> |                       |                                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   |                                                                                                                                                                                                                                                                                               |                       |                                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   |                                                                                                                                                                                                                                                                                               |                       |                                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   |                                                                                                                                                                                                                                                                                               |                       |                                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                   |                                                                                                                                                                                                                                                                                               |                       |                                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Critical issues   |                                                                                                                                                                                                                                                                                               |                       |                                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Reasons for Delay |                                                                                                                                                                                                                                                                                               | Non-readiness of BoPs |                                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

| Sl. No.           | Project Details                                                                                                                       | Unit        | Capacity (MW)                                                                | Commissioning Schedule |       |                        |           | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------|------------------------|-------|------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                                                                                                                       |             |                                                                              | Original               |       | Actual(A)/ As Expected |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   |                                                                                                                                       |             |                                                                              | Synch/ Comm            | COD   | Synch/ Comm            | COD       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
| State Sector      |                                                                                                                                       |             |                                                                              |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Shree Singaji TPP -I (Malwa TPP ) Mega Project (At Purni, Distt. Khandwa) MPPGCL                                                      | 1           | 600                                                                          | 04/12<br>06/12         | 06/12 | 08/13(A)<br>11/13(A)   | 02/14 (A) | <b>Unit-1</b><br>Boiler erection started in <b>09/10</b> . Drum lifted on <b>8.03.11</b> . HT (drainable) conducted on <b>25.4.12</b> . BLU done in <b>05/13</b> . EDTA completed in <b>05/13</b> . SBO completed on <b>09.07.13</b> . Condenser erection started in <b>02/12</b> . TG erection started in <b>3/12</b> . TG box up completed in <b>05/13</b> . TG oil flushing completed in <b>06/13</b> . TG put on barring gear on <b>09.07.13</b> . Synchronized (oil) on <b>31.08.13</b> . Coal fired on <b>30.09.13</b> . Full load achieved on <b>18.11.13</b> . <b>COD achieved on 01.02.14.</b><br><br><b>Unit-2</b><br>Boiler Erection started in <b>12/10</b> . Drum lifted in <b>09/11</b> . HT completed on <b>30.11.12</b> . BLU done in <b>12/13</b> . SBO started on <b>04.03.14</b> and completed in <b>07/14</b> . Condenser erection started on <b>28.09.12</b> . TG erection started on <b>31.12.12</b> . TG Boxed up in <b>09/14</b> . Oil flushing of piping started in <b>03/14</b> . Oil Flushing completed in <b>10/14</b> . Oil Syn and Coal Syn achieved on <b>11.10.14</b> . Full load achieved on <b>15.10.14</b> . <b>COD achieved on 28.12.14.</b><br><br><b>BoPs:</b><br><br>• <b>The order for BoPs was placed on M/s L&amp;T on EPC basis. All the BoPs were completed as per schedule.</b> |  |
|                   |                                                                                                                                       | 2           | 600                                                                          | 08/12<br>10/12         | 10/12 | 10/14(A)<br>10/14(A)   | 12/14 (A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Original Estd. Cost                                                                                                                   |             | : Rs.405300 lakhs                                                            |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Latest Est. Cost                                                                                                                      |             | : Rs.782000 lakhs                                                            |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Expenditure upto 03/2007                                                                                                              |             | : Rs 2405 lakhs                                                              |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Expenditure during 2007-08                                                                                                            |             | : Rs 1708 lakhs                                                              |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Expenditure during 2008-09                                                                                                            |             | : Rs 17171 lakhs                                                             |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Expenditure during 2009-10                                                                                                            |             | : Rs 49245 lakhs                                                             |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Expenditure during 2010-11                                                                                                            |             | : Rs.113365 lakhs                                                            |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Expenditure during 2011-12                                                                                                            |             | : Rs 177382 lakhs                                                            |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Expenditure during 2012-13                                                                                                            |             | : Rs 148239 lakhs                                                            |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Expenditure during 2013-14                                                                                                            |             | : Rs 146275 lakhs                                                            |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Expenditure during 2014-15                                                                                                            |             | : Rs 51158 lakhs (upto 11/14)                                                |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Total Expenditure (Upto 11/14)                                                                                                        |             | : Rs.706951 lakhs                                                            |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Approval date:                                                                                                                        |             | : Accorded                                                                   |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Zero date:                                                                                                                            |             | : 12.12.08                                                                   |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Notice To Proceed (NTP)                                                                                                               |             | :12.12.08                                                                    |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Financial closure                                                                                                                     |             | :Achieved                                                                    |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Main Plant Order                                                                                                                      |             | : Order placed on M/s BHEL for main power block with civil work on 12.12.08. |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | BTG Make                                                                                                                              |             | BHEL                                                                         |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | BOP on EPC basis                                                                                                                      |             | : M/s L&T on 26.10.09.                                                       |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Type of fuel                                                                                                                          |             | Coal                                                                         |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | PPA                                                                                                                                   |             | : With MPPMCL                                                                |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Source and supply of Fuel                                                                                                             |             | : CIL                                                                        |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | Power Evacuation system                                                                                                               |             | : Ready                                                                      |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                   | <ul style="list-style-type: none"><li>SA: Signed on 24.01.13.</li><li>and: : Available.</li><li>ega Power Status: Obtained.</li></ul> |             |                                                                              |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
| Critical issues   |                                                                                                                                       |             |                                                                              |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
| Reasons for Delay |                                                                                                                                       | BHEL Supply |                                                                              |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |

| Sl. No.                                                                                                                                                                                                                                                                            | Project Details                                                   | Unit                                                                                                               | Capacity (MW)                                                                 | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------|-------|------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                                                                                                                                                                                                                                    |                                                                   |                                                                                                                    |                                                                               | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    |                                                                   |                                                                                                                    |                                                                               | Synch/ Comm            | COD   | Synch/ Comm            | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| State Sector                                                                                                                                                                                                                                                                       |                                                                   |                                                                                                                    |                                                                               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | Shree Singaji TPP, Stage –II (At Dongalia Distt. Khandwa), MPPGCL | 3                                                                                                                  | 660                                                                           | 03/18<br>05/18         | 07/18 | 03/18<br>07/18         | 07/18 | <b>Unit-3:</b><br>Civil works in Boiler, ESP, Mills & Bunker Bay foundation completed. Main Power House Building civil foundations already completed and structural erection is in progress. Boiler erection started on 18.06.15. Boiler HT expected in 06/17. ESP erection started on 06.07.15. Fabrication of Ceiling Girder is in progress. Coal bunker fabrication is in progress. Duct fabrication is in progress. TG deck casting completed on 30.04.16.<br><br><b>Unit-4:</b><br>Excavation/PCC/RCC works completed in Boiler, Mills & ESP area. Excavation/PCC/RCC works in PH building (including TG), NDCT Area, CHP/AHP Areas ad CW area is in progress. <b>Boiler erection started on 27.10.15. Boiler HT expected in 01/17</b><br><br><b>BoPs:</b> <ul style="list-style-type: none"><li><b>Chimney:</b> Chimney shell casting completed on 16.04.16. Platform and Flue can fabrication work is in progress.</li><li><b>CHP:</b> Wagon Tippler 1&amp;2 and Track Hopper Civil works are in progress. Stacker reclaimers civil works are in progress.</li><li><b>AHP:</b> Civil works for BA hoppers, Fly ash silo’s, HCSD silo’s, AWP, ASPH are in progress. Ash Dyke work also in progress.</li><li><b>Raw Water Supply System:</b> Intake well almost completed. Pipeline laying in progress.</li><li><b>PT/ DM Plant:</b> Civil works are in progress.</li><li><b>CW System:</b> Civil works are going on.</li><li><b>NDCT:</b> In NDCT raker columns tie beam casting is in progress <b>FOPH:</b> LDO HFO fuel oil tank fabrication is in progress.</li><li><b>Switchyard:</b> Civil works are in progress..</li></ul> |  |
|                                                                                                                                                                                                                                                                                    |                                                                   | 4                                                                                                                  | 660                                                                           | 07/18<br>09/18         | 11/18 | 07/18<br>09/18         | 11/18 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | Original Estd. Cost                                               |                                                                                                                    | : Rs.650000 lakhs                                                             |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | Latest Est. Cost                                                  |                                                                                                                    | : Rs.650000 lakhs                                                             |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | Expenditure during 2013-14                                        |                                                                                                                    | : Rs 117 lakhs                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | Expenditure during 2014-15                                        |                                                                                                                    | : Rs 46488 lakhs                                                              |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | Expenditure during 2015-16                                        |                                                                                                                    | : Rs 56475 lakhs                                                              |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | Expenditure during 2016-17                                        |                                                                                                                    | : Rs 110865 lakhs (upto 12/16)                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | Total Expenditure (Upto 12/16)                                    |                                                                                                                    | : Rs. 213945 lakhs                                                            |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | Approval date:                                                    |                                                                                                                    | : NA                                                                          |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | Zero date:                                                        |                                                                                                                    | :31.12.14.                                                                    |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | Notice To Proceed (NTP)                                           |                                                                                                                    | :31.12.14                                                                     |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | Financial closure                                                 |                                                                                                                    | : Achieved in 03/15                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | Main Plant Order                                                  |                                                                                                                    | : EPC on M/s L&T on 31.12.14                                                  |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | BTG Make                                                          |                                                                                                                    | : L&T/MHI                                                                     |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | BOP on EPC basis                                                  |                                                                                                                    | :M/s L&T on 31.12.14                                                          |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | Type of fuel                                                      |                                                                                                                    | Coal                                                                          |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | PPA                                                               |                                                                                                                    | :With MPTradco (now known as MPPMC) on 04.01.2011.                            |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | Source and supply of Fuel                                         |                                                                                                                    | : Gondbahera-Ujjaini coal block having 5.32 MT reserve to MPPGCL on 07.06.13. |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                    | Power Evacuation system                                           |                                                                                                                    |                                                                               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| <ul style="list-style-type: none"><li>and: Available.</li><li>ega Power Status: : Obtained on 05.07.12.</li><li>oEF: : Received on 27.08.14.</li><li>roject Consultant: M/s Lahmeyer International (I) Ltd, Gurgaon</li><li>Design and Engineering works under progress.</li></ul> |                                                                   |                                                                                                                    |                                                                               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Critical issues                                                                                                                                                                                                                                                                    |                                                                   | First stage Forestry clearance of Gonbahera Coal Block by MoE&F Power evacuation is yet to be completed by MPPTCL. |                                                                               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Reasons for Delay                                                                                                                                                                                                                                                                  |                                                                   |                                                                                                                    |                                                                               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |

| Sl. No.                   | Project Details                                         | Unit                                                              | Capacity (MW)                               | Commissioning Schedule |       |                        |          | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|---------------------------|---------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------|------------------------|-------|------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                           |                                                         |                                                                   |                                             | Original               |       | Actual(A)/ As Expected |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           |                                                         |                                                                   |                                             | Synch/ Comm            | COD   | Synch/ Comm            | COD      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Private Sector            |                                                         |                                                                   |                                             |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | Bina TPP<br>(Dist. Sagar)<br>Bina Power Supply Co. Ltd. | 1                                                                 | 250                                         | 07/11<br>08/11         | 09/11 | 06/12(A)<br>08/12(A)   | Achieved | Unit-1<br>Boiler erection started in 07/09. Boiler drum lifted on 24.03.10. HT done in 2/11. Boiler lighted up in 2/12. TG erection started in 10/10. TG box up completed in 7/11. Unit synchronized on 27.06.12 with oil. Coal firing done in July, 2012. Syn.(coal) Achieved on 01.08.12. FL achieved on 12.08.12.<br><br>Unit-2<br>Boiler erection started in 11/10. Boiler drum lifted in 06/10. Hyd test done in July,12. BLU on 09.11.12. EDTA completed on 26.11.12. SBO completion on 16.01.13. Condenser erection started in 5/11. TG erection started in 6/11. TG box up completed on 15.09.12. TG oil flushing comp. on 05.12.12. TG barring gear achieved in 02/13. Syn. On 04.03.13. FL achieved in 03/13.<br><br>BoPs:<br><br>• All the BoPs commissioned. |  |
|                           |                                                         | 2                                                                 | 250                                         | 10/11<br>11/11         | 12/11 | 03/13(A)<br>03/13(A)   | Achieved |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | Original Estd. Cost                                     |                                                                   | : Rs. 275000 Lakhs                          |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | Latest Est. Cost                                        |                                                                   | : Rs. 324000 Lakhs                          |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | Expenditure during 2008-09                              |                                                                   | : Rs 22181 Lakhs                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | Expenditure during 2009-10                              |                                                                   | : Rs 50451 Lakhs                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | Expenditure during 2010-11                              |                                                                   | : Rs 122470 Lakhs                           |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | Expenditure during 2011-12                              |                                                                   | : Rs 82667 Lakhs                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | Expenditure during 2012-13                              |                                                                   | : Rs 58835 Lakhs                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | Expenditure during 2013-14                              |                                                                   | : Rs 12502 Lakhs (upto 03/14)               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | Total Expenditure (Upto 03/14)                          |                                                                   | : Rs. 349106 Lakhs                          |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | Approval date:                                          |                                                                   | : NA                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | Zero date:                                              |                                                                   | :09/2009                                    |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | Notice To Proceed (NTP)                                 |                                                                   | :09/2009                                    |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | Financial closure                                       |                                                                   | : Achieved in 11/2009                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | Main Plant Order                                        |                                                                   | : LOI placed on M/s BHEL on 20.09.08 (BTG). |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | BTG Make                                                |                                                                   | BHEL                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | BOP Package                                             |                                                                   | : Reputed Indian Vendors                    |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | Type of fuel                                            |                                                                   | :Coal                                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           | PPA                                                     |                                                                   | :Signed                                     |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Source and supply of Fuel |                                                         | LOA received, FSA with CCL signed. FSA with SECL also signed.     |                                             |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Power Evacuation system   |                                                         | Open access approval received.                                    |                                             |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           |                                                         | • nvironment Clearance: 05/08/09.                                 |                                             |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           |                                                         | • ain Plant civil work agency: M/s Jaiprakash Associates Limited. |                                             |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                           |                                                         | •                                                                 |                                             |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Critical issues           |                                                         | No                                                                |                                             |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Reasons for Delay         |                                                         |                                                                   |                                             |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |

- BoPs:**
- All the BoPs commissioned.

| Sl. No.                                                                                                                                                                                                                                                                                                                                                                                                        | Project Details                                                                                                                                                                      | Unit                                                                                                                                                                                                                                                                                                                      | Capacity (MW) | Commissioning Schedule |       |                        |              | Broad Status                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                           |               | Original               |       | Actual(A)/ As Expected |              |                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                           |               | Synch/ Comm            | COD   | Synch/ Comm            | COD          |                                                                                                                                                                                                                                                                                                                                                                       |
| Private Sector                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                | Mahan TPP<br>(Dist. Singrauli)<br>Essar Power MP Ltd.                                                                                                                                | 1                                                                                                                                                                                                                                                                                                                         | 600           | 07/11<br>09/11         | 09/11 | 12/12(A)<br>02/13(A)   | 04/13<br>(A) | Unit-1<br>Boiler erection started in 09/09. Boiler drum lifted on 21.06.10. HT done in 08/11. BLU done in 31.3.12. SBO completion on 21.08.12. TG erection started in 11/10. TG box up completed on 24.09.12. TG oil flushing completed in 11/12. TG on barring gear on 07.12.12. Synchronized on 24.12.12. Full load achieved on 25.02.13. COD achieved on 29.04.13. |
|                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                      | 2                                                                                                                                                                                                                                                                                                                         | 600           | 10/11<br>12/11         | 12/11 | 03/17<br>03/17         | 03/17        |                                                                                                                                                                                                                                                                                                                                                                       |
| Original Estd. Cost                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                      | : Rs. 773800 Lakhs                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Latest Est. Cost                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                      | : Rs. 773800 Lakhs                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Expenditure during 2006-07                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                      | : Rs 155 Lakhs                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Expenditure during 2007-08                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                      | : Rs 36609 Lakhs                                                                                                                                                                                                                                                                                                          |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Expenditure during 2008-09                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                      | : Rs 38200 Lakhs                                                                                                                                                                                                                                                                                                          |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Expenditure during 2009-10                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                      | : Rs 114755 Lakhs                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Expenditure during 2010-11                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                      | : Rs 335743 Lakhs                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Expenditure during 2011-12                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                      | : Rs 12807 Lakhs                                                                                                                                                                                                                                                                                                          |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Expenditure during 2012-13                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                      | : Rs 92434 Lakhs                                                                                                                                                                                                                                                                                                          |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Expenditure during 2013-14                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                      | : Rs 8953 Lakhs                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Expenditure during 2014-15                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                      | : Rs 119169 Lakhs                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Expenditure during 2015-16                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                      | : Rs 47516 Lakhs (upto 08/16)                                                                                                                                                                                                                                                                                             |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Total Expenditure (Upto 08/16)                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                      | : Rs 797388 Lakhs                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Approval date:                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                      | :NA                                                                                                                                                                                                                                                                                                                       |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Zero date:                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                      | :24.08.07                                                                                                                                                                                                                                                                                                                 |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Notice To Proceed (NTP)                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                      | :24.08.07                                                                                                                                                                                                                                                                                                                 |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Financial closure                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                      | : 21.01.2009                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Main Plant Order                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                      | :BTG order placed on M/s Harbin Power Co. Ltd, China on 24.08.07.                                                                                                                                                                                                                                                         |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| BTG Make                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                      | :Chinese                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| BOP Package                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                      | : Reputed Indian Vendors                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Type of fuel                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                      | :Coal                                                                                                                                                                                                                                                                                                                     |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| PPA                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                      | : Long Term PPA with ESIL for 200 MW and 55.5 MW with Govt. of MP (on variable charge basis). For tie up of balance capacity of 855 MW, company is participating in various competitive bids/merchant power.                                                                                                              |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Source and supply of Fuel                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                      | : Mahan Coal Block allotted jointly to ESSAR and Hindalco had been cancelled on 24.09.14. Essar has signed CMPDA with GOI on 2-3-2015 for Tokisud Coal Mine located in the State of Jharkhand post e-auction. Vesting order is awaited. As per present mining plan, peak capacity of production of the mine is 2.32 MTPA. |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Power Evacuation system                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                      | :1 <sup>st</sup> unit commissioned by LILO (Temp arrangement). Long term open access granted by PGCIL through Mahan-Sipat line.                                                                                                                                                                                           |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| MOEF clearance: 20.04.07<br>Water: 0.058 MAF/year from Rihand Reservoir.<br>SPCB: Obtained on 03.03.09.<br>Civil Aviation Clearance: Obtained on 02.02.2007.<br>Land: Physical possession of 185.81 Ha. Govt. Land is available.167.32 Ha. Pvt. Land in Viil. Bandhora, 150.31 in Nagwa Vill. 79.08 Ha in Kharahi. For 4 <sup>th</sup> viilage Karsualal(100.17 Ha.) compensation distribution is in progress. |                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Critical issues                                                                                                                                                                                                                                                                                                                                                                                                | In lieu of cancellation of captive coal block, Coal linkage (5.5 MTPA) or any other coal sourcing is essential to run the plant. Return of expenditure incurred on Mahan Coal Block. |                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |
| Reasons for Delay                                                                                                                                                                                                                                                                                                                                                                                              | Delays primarily due to financial constraint with the developer.                                                                                                                     |                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                       |

| Sl. No.           | Project Details                                                                                                                                                           | Unit | Capacity (MW)                                                                        | Commissioning Schedule |       |                        |     | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------|------------------------|-------|------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                                                                                                                                                           |      |                                                                                      | Original               |       | Actual(A)/ As Expected |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   |                                                                                                                                                                           |      |                                                                                      | Synch/ Comm            | COD   | Synch/ Comm            | COD |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Private Sector    |                                                                                                                                                                           |      |                                                                                      |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Nigrie STPP (Dist. Singrauli)                                                                                                                                             | 1    | 660                                                                                  | 04/13<br>06/13         | 07/13 | 05/14(A)<br>08/14(A)   | NA  | Unit-1<br>Boiler erection started in 01/11. HT (drainable) achieved on 06.02.13. BLU done on 18.02.14. SBO started in 03/14. SBO completed on 03.04.14. Condenser erection started in 04/12. TG erection started in 07/12. TG box up completed in 07/13. Synchronized on 07.05.14. CF done in 08/14. FL achieved on 29.08.14.<br><br>Unit-2<br>Boiler civil works started in 05/10. HT completed on 08.10.13. BLU done on 10.11.14. TG oil flushing started in 07.14. SBO started in 11/14 and completed in 01/15. Synchronization achieved on 11.02.15. Full Load achieved on 17.02.15.<br><br>BoPs:<br><ul style="list-style-type: none"><li>All the BoPs completed.</li></ul> |  |
|                   | J.P. Power Venture Ltd.                                                                                                                                                   | 2    | 660                                                                                  | 10/13<br>12/13         | 01/14 | 02/15(A)<br>02/15(A)   | NA  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Original Estd. Cost                                                                                                                                                       |      | : Rs. 810000Lakhs                                                                    |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Latest Est. Cost                                                                                                                                                          |      | : Rs. 810000 Lakhs                                                                   |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Expenditure during 2009-10                                                                                                                                                |      | : Rs 82501 Lakhs                                                                     |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Expenditure during 2010-11                                                                                                                                                |      | : Rs 39058.71 Lakhs                                                                  |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Expenditure during 2011-12                                                                                                                                                |      | : Rs 294575.37 Lakhs                                                                 |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Expenditure during 2012-13                                                                                                                                                |      | : Rs 358872.58 Lakhs                                                                 |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Expenditure during 2013-14                                                                                                                                                |      | : Rs 213142.67 Lakhs                                                                 |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Expenditure during 2014-15                                                                                                                                                |      | : Rs 44310.72 Lakhs (upto 12/14)                                                     |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Total Expenditure (Upto 12/14)                                                                                                                                            |      | : Rs 1032462 Lakhs                                                                   |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Approval date:                                                                                                                                                            |      | : NA                                                                                 |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Zero date:                                                                                                                                                                |      | :23.08.09                                                                            |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Notice To Proceed (NTP)                                                                                                                                                   |      | :23.08.09                                                                            |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Financial closure                                                                                                                                                         |      | : Achieved in 08/2010                                                                |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Main Plant Order                                                                                                                                                          |      | M/s L&T on 23.08.09 (BTG). Boiler-LMB                                                |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | BTG Make                                                                                                                                                                  |      | L&T/MHI                                                                              |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | BOP Package                                                                                                                                                               |      | : Reputed Indian Vendors                                                             |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Type of fuel                                                                                                                                                              |      | :Coal                                                                                |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | PPA                                                                                                                                                                       |      | :                                                                                    |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Source and supply of Fuel                                                                                                                                                 |      | :5.7 MTPA from Amelia North and Dongri Tal-II coal block developed by JAL and MPSMCL |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | Power Evacuation system                                                                                                                                                   |      | :Ready                                                                               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   | <ul style="list-style-type: none"><li>Land: 432.308 Ha under possession.</li><li>Water: 65.3 Cusec from Gopad river.</li><li>MOEF Clearance: Obtained in Feb.10</li></ul> |      |                                                                                      |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   |                                                                                                                                                                           |      |                                                                                      |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                   |                                                                                                                                                                           |      |                                                                                      |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Critical issues   |                                                                                                                                                                           |      |                                                                                      |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Reasons for Delay |                                                                                                                                                                           |      |                                                                                      |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |

| Sl. No.                       | Project Details                                         | Unit                                                                                                                                                                                                                                                                                                                                                                                                               | Capacity (MW) | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                               |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                    |               | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                               |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                    |               | Synch/ Comm            | COD   | Synch/ Comm            | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Private Sector                |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                               | Avantha Seoni TPP<br>(Dist. Seoni)<br>Jhabua Power Ltd. | 1                                                                                                                                                                                                                                                                                                                                                                                                                  | 600           | 02/13<br>03/13         | 03/13 | 02/16 (A)<br>02/16(A)  | 05/16 | <b>Unit-1</b><br>Boiler erection started in 4/11. Drum lifted on 17/1/12. Hyd. Test done on 22.12.12. Hyd. Test (Non drainable) done in 06/13. BLU done on 12.03.14. SBO started on 10.06.15 and completed on 27.06.15. Unit normalisation completed. TG erection started in 11/11. TG boxed up in 12/13. TG oil flushing completed in 05/15. TG put on BG in 06/15. Boiler re-lighted up for steam dumping in 02/16. Syn. Achieved on 23.02.16. Full load achieved on 22.03.16. COD achieved on 03.05.16.<br><br><b>BoPs:</b> <ul style="list-style-type: none"><li>All the BoPs completed.</li></ul> |
| Original Estd. Cost           |                                                         | : Rs. 35500Lakhs                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Latest Est. Cost              |                                                         | : Rs. 419400 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                 |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Expenditure during 2008-09    |                                                         | : Rs. 1000 lakhs                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Expenditure during 2009-10    |                                                         | : Rs. 14700 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Expenditure during 2010-11    |                                                         | : Rs. 22700 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Expenditure during 2011-12    |                                                         | : Rs. 66800 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Expenditure during 2012-13    |                                                         | : Rs. 121500 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                 |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Expenditure during 2013-14    |                                                         | : Rs. 67700 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Expenditure during 2014-15    |                                                         | : Rs. 82919 Lakhs (upto 01/15)                                                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Total Expenditure (Upto01/15) |                                                         | : Rs. 377319 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                 |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Approval date:                |                                                         | : NA                                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Zero date:                    |                                                         | : 02/10                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Notice To Proceed (NTP)       |                                                         | : 02/10                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Financial closure             |                                                         | Achieved in 12/2009.                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Main Plant Order              |                                                         | BHEL on 02/10 (BTG).                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| BTG Make                      |                                                         | BHEL                                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| BOP Package                   |                                                         | : Reputed Indial Vendors                                                                                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Type of fuel                  |                                                         | : Coal                                                                                                                                                                                                                                                                                                                                                                                                             |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PPA                           |                                                         | : 5% to govt of MP.30% to be provided to MPPTCL and 35% tied up with M/s Reliance Energy Trading company Limited.                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Source and supply of Fuel     |                                                         | FSA signing executed with SECL/MCL. FSA Signed with MCL for 35% quantity.                                                                                                                                                                                                                                                                                                                                          |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Power Evacuation system       |                                                         | : Application for availing connectivity with PGCIL network submitted. Order placed for 400 kV transmission line from JPL to pooling point. Prior approval of MoP under section-68 for dedicated transmission line obtained. Sec6tion 164 received.                                                                                                                                                                 |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                               |                                                         | <ul style="list-style-type: none"><li>SPCB clearance: Obtained in Dec-10.</li><li>Civil Aviation Clearance: Obtained in Sep-10.</li><li>MOEF clearance: Obtained in Feb-10. Forest Clearance not applicable.</li><li>Land: 811 Acres (100% land aquired)</li><li>All the clearances are available.</li><li>400kV switchyard commissioned.</li><li>400kV double Circuit Transmission line is operational.</li></ul> |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Critical issues               |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Reasons for Delay             |                                                         | BHEL support was solicited in terms of completion of balance supply & erection for achieving the scheduled dates. Financial dispute with BHEL                                                                                                                                                                                                                                                                      |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

| Sl. No.                        | Project Details                                                   | Unit                                                                                                                                                                                                                           | Capacity (MW) | Commissioning Schedule |      |                        |           | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|------|------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                |                                                                   |                                                                                                                                                                                                                                |               | Original               |      | Actual(A)/ As Expected |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                |                                                                   |                                                                                                                                                                                                                                |               | Synch/ Comm            | COD  | Synch/ Comm            | COD       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Private Sector                 |                                                                   |                                                                                                                                                                                                                                |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                | Anuppur TPP Phase-I Jaithari, Dist. Anuppur, M.B. Power (MP) Ltd. | 1                                                                                                                                                                                                                              | 600           | 04/13<br>05/13         | 6/13 | 03/15 (A)<br>04/15(A)  | 05/15 (A) | <b>Unit-1</b><br>Blr erection started in <b>11/11</b> . Drum lifted on <b>06.11.12</b> . HT completed in <b>10/13</b> . BLU done in <b>09/14</b> . Condenser erection started in <b>03/13</b> . TG erection is started in 05/13. TG box up done in <b>09/14</b> . Synchronized on <b>19.03.15</b> . Full Load achieved on <b>20.04.15</b> . COD achieved on <b>20.05.15</b> .<br><br><b>Unit-2</b><br>Blr erection started in <b>02/12</b> . Blr. Drum lifted on <b>29.06.13</b> . HT done in <b>31.03.14</b> . Non-drainable HT done on <b>10.03.15</b> . <b>BLU achieved on 20.10.15</b> . <b>SBO completed on 28.11.15</b> . TG erection started in <b>12/13</b> . Final box up completed on 17.10.15. <b>TG put on BG in 01/16</b> . <b>Oil synchronisation achieved on 12.03.16</b> . CHP and AHP are now fully ready. The fault was observed in the TDBFP and the same has been attended. <b>Full load achieved on 30.03.16</b> . <b>COD achieved on 07. 04.16</b> .<br><br><b>BoPs:</b><br><br>• All the BoPs are now completed. |
| Original Estd. Cost            |                                                                   | : Rs. 624000Lakhs                                                                                                                                                                                                              |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Latest Est. Cost               |                                                                   | : Rs. 624000 Lakhs                                                                                                                                                                                                             |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Expenditure during 2009-10     |                                                                   | : Rs. 14100 Lakhs                                                                                                                                                                                                              |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Expenditure during 2010-11     |                                                                   | : Rs. 75400 Lakhs                                                                                                                                                                                                              |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Expenditure during 2011-12     |                                                                   | : Rs. 103500 Lakhs                                                                                                                                                                                                             |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Expenditure during 2012-13     |                                                                   | :Rs. 137500 Lakhs                                                                                                                                                                                                              |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Expenditure during 2013-14     |                                                                   | :Rs. 171900 Lakhs                                                                                                                                                                                                              |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Expenditure during 2014-15     |                                                                   | :Rs. 230100 Lakhs                                                                                                                                                                                                              |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Expenditure during 2015-16     |                                                                   | :Rs17085Lakhs (upto 11/15)                                                                                                                                                                                                     |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Total Expenditure (Upto 11/15) |                                                                   | : Rs. 758000 Lakhs                                                                                                                                                                                                             |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Approval date:                 |                                                                   |                                                                                                                                                                                                                                |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Zero date:                     |                                                                   |                                                                                                                                                                                                                                |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Notice To Proceed (NTP)        |                                                                   |                                                                                                                                                                                                                                |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Financial closure              |                                                                   | Achieved                                                                                                                                                                                                                       |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Main Plant Order               |                                                                   | EPC contract awarded to M/s Lanco Infratech                                                                                                                                                                                    |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| BTG make: Harbin China         |                                                                   | Ltd on 15.11.10                                                                                                                                                                                                                |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| BTG Make                       |                                                                   | Harbin China                                                                                                                                                                                                                   |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| BOP Package                    |                                                                   | Lanco Infratech                                                                                                                                                                                                                |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Type of fuel                   |                                                                   | : Coal                                                                                                                                                                                                                         |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PPA                            |                                                                   | 848 MW on long term PPA(420 MW with MP discoms and 428 MW with PTC), for balance participated in Case-I bidding in UP for 361 MW and in Rajasthan for 200 MW, bid is open in both states and is kept in zone of consideration. |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Source and supply of Fuel      |                                                                   | LOA for 4.99392 MTPA of F grade by SECL. <b>FSA has been signed on 26.03.13 for both unit (2x600 MW).</b>                                                                                                                      |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power Evacuation system        |                                                                   | 400 KV dedicated Anuppur-Jabalpur line by Powergride.                                                                                                                                                                          |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                |                                                                   | <ul style="list-style-type: none"><li>MOEF Clearance: Obtained in Sept-10.</li><li>Water: Son River.</li></ul>                                                                                                                 |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Critical issues                |                                                                   |                                                                                                                                                                                                                                |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reasons for Delay              |                                                                   | Delayed due to non-readiness of BoPs by M/s Lanco Infrtech Ltd.                                                                                                                                                                |               |                        |      |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

| Sl. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Project Details                                | Unit                                                                                     | Capacity (MW) | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                |                                                                                          |               | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                |                                                                                          |               | Synch/ Comm            | COD   | Synch/ Comm            | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Private Sector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                |                                                                                          |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Gorgi TPP (Dist. Singrauli) DB Power (MP) Ltd. | 1                                                                                        | 660           | 05/13<br>06/13         | 07/13 | 07/17<br>08/17         | 09/17 | <b>Unit-1</b><br>The site enabling activities like area grading etc has already completed. Construction of administrative building and hostel facility also completed. Excavation work in water reservoir area and chimney also started. Erection yet to be started. <b>Work is on hold at site due to Financial crunch being faced by the developer.</b><br><br><b>BoPs:</b> <ul style="list-style-type: none"><li>In BoPs work yet to start.</li></ul> |
| Original Estd. Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                | : Rs.394100 Lakhs                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Latest Est. Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                | : Rs.394100 Lakhs                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2008-09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                | : Rs. 349 Lakhs                                                                          |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2009-10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                | : Rs. 2303 Lakhs                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2010-11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                | : Rs. 13487 Lakhs                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2011-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                | : Rs. 21157 Lakhs                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2012-13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                | : Rs. 4036 Lakhs                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2013-14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                | : Rs. 4712Lakhs                                                                          |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2014-15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                | : Rs. 1614 Lakhs                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2015-16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                | : Rs. 78 Lakhs (upto 09/15)                                                              |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Total Expenditure (Upto 09/15)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                | : Rs 47579 lakhs                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Approval date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                | : NA                                                                                     |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Zero date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                | : 03/11                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Notice To Proceed (NTP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                | :03/11                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Financial closure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                | Achieved in 03/2011 for unit-1                                                           |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Main Plant Order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                | BHEL on 03/11 (BTG).                                                                     |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| BTG Make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                | BHEL                                                                                     |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| BOP Order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                | Indure Pvt. Limited.                                                                     |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Type of fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                | :Coal                                                                                    |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                | 35% with MPPMC from 2x660 MW                                                             |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Source and supply of Fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                | 2.1048 MTPA available for unit-1.                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Power Evacuation system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                | PGCIL has granted LTA and connectivity. Power evacuation at vindhyachal pooling station. |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <ul style="list-style-type: none"><li>Consultant: Desein</li><li>MOEF Clearance: Obtained in Sept.10 for 1<sup>st</sup> unit.</li><li>Land : 735-acre land is acquired.</li><li>Water: 25 MCM PA water from Gopad river for 2x660 MW.</li><li>All the mandatory clearances are available for two units.</li><li>The major part of total land acquired by the company in time but delay in granting government land which is significant stretches had affected the contiguity and due to which construction could not commence at desired time.</li><li>PPA has been signed with MP Power Management Company (State Utility) for 35% capacity from both the 2x660 MW.</li></ul> |                                                |                                                                                          |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                |                                                                                          |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Critical issues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                | Acquisition of balance land.                                                             |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reasons for Delay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                | Financial Costraints                                                                     |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| Sl. No.                        | Project Details                               | Unit                                                                                                                                                                                                                                                     | Capacity (MW) | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                |                                               |                                                                                                                                                                                                                                                          |               | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                  |
|                                |                                               |                                                                                                                                                                                                                                                          |               | Synch/ Comm            | COD   | Synch/ Comm            | COD   |                                                                                                                                                                                                                                                                                                                                                                  |
| Private Sector                 |                                               |                                                                                                                                                                                                                                                          |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
|                                | Niwari TPP (Dist. Narsinghpur) BLA Power Ltd. | 2                                                                                                                                                                                                                                                        | 45            | 04/14<br>05/14         | 05/14 | 11/15*<br>12/15*       | 12/15 | <b>Unit-1</b><br>Boiler erection started in <b>01/13</b> . Drum lifted in <b>08/13</b> . Hydro test was expected by 12/15. TG deck casted in <b>09/13</b> . TG erection was to be started by 12/15. <b>Presently work at site is on hold.</b><br><br>* Assessed after restart of work.<br><br><b>BoPs:</b><br><br>• Presently work at site has been put on hold. |
| Original Estd. Cost            |                                               | : Rs.23249 Lakhs                                                                                                                                                                                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| Latest Est. Cost               |                                               | : Rs.25049 Lakhs                                                                                                                                                                                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| Expenditure during 2010-11     |                                               | : Rs. 5100 Lakhs                                                                                                                                                                                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| Expenditure during 2011-12     |                                               | : Rs. 16880 Lakhs                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| Expenditure during 2012-13     |                                               | : Rs. 5164 Lakhs                                                                                                                                                                                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| Expenditure during 2013-14     |                                               | : Rs. 354 Lakhs                                                                                                                                                                                                                                          |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| Expenditure during 2014-15     |                                               | : Rs. 1503 Lakhs (upto 03/15)                                                                                                                                                                                                                            |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| Total Expenditure (Upto 03/15) |                                               | : Rs. 29001 lakhs                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| Approval date:                 |                                               | : NA                                                                                                                                                                                                                                                     |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| Zero date:                     |                                               | : 04/11                                                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| Notice To Proceed (NTP)        |                                               | :04/11                                                                                                                                                                                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| Financial closure              |                                               | Achieved.                                                                                                                                                                                                                                                |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| Main Plant Order               |                                               | Boiler(ISGEC) in 02/11.Turbine and Generator (Siemens) in 04/11.                                                                                                                                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| BTG Make                       |                                               | Siemens                                                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| BOP Order                      |                                               | -                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| Type of fuel                   |                                               | Coal                                                                                                                                                                                                                                                     |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| PPA                            |                                               | 30% with MPPTCL and 5%with MP government on variable cost.                                                                                                                                                                                               |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| Source and supply of Fuel      |                                               | FSA signed with BLA industries Ltd. on 25.04.11 for 350000 tonnes per annum. Amendment to fuel supply agreement signed with BLA industries on 26.03.13 for the following quantities—<br>U-1x45 MW=187000 tonnes/annum,<br>U-2x45 MW=374000 tonnes/Annum. |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| Power Evacuation system        |                                               | PGCIL has granted LTA and connectivity. Power evacuation at vindhyachal pooling station.                                                                                                                                                                 |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
|                                |                                               | <ul style="list-style-type: none"><li>MOEF Clearance: Obtained on 07.11.07.</li><li>Land: 129.15 Acres of land is acquired for 3x45 MW.</li><li>Water: 7 MCM PA water from Narmada river for 140 MW.</li></ul>                                           |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| Critical issues                |                                               | Finance                                                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |
| Reasons for Delay              |                                               | Work is on hold                                                                                                                                                                                                                                          |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                  |

## BROAD STATUS OF THERMAL POWER PROJECTS IN MAHARASHTRA

| Sl. No.           | Project Details                                                                                                                                                                                                                                                            | Unit                                                                                                                                                                                  | Capacity (MW)                                                                                                  | Commissioning Schedule |       |                        |              | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                       |                                                                                                                | Original               |       | Actual(A)/ As Expected |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                       |                                                                                                                | Synch/ Comm            | COD   | Synch/ Comm            | COD          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| State Sector      |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                       |                                                                                                                |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Chandrapur TPS Extn (Distt. Chandrapur) MSPGCL                                                                                                                                                                                                                             | 8                                                                                                                                                                                     | 500                                                                                                            | 04/12<br>06/12         | 07/12 | 01/15 (A)<br>03/15(A)  | 06/16<br>(A) | <b>Unit-8</b><br>Boiler erection started on 01.06.10. Boiler HT (Drainable) completed on 05.06.12. BLU completed on 30.03.14. <b>EDTA completed on 27.06.14.</b> SBO started on 21.09.14. &completed on 17.10.14. Unit normalization completed in 11/14. Condenser erection started in 03/12. TG deck casting completed in 12/11. TG erection started in 03/12. TG box up completed on 30.06.14. TG oil flushing completed on 09.08.14. <b>TG put on BG on 15.12.14. Oil synch. achieved on 11.01.15. Safety valve floating completed on 20.03.15. Coal bunkering started on 23.03.15. Coal firing achieved on 28.03.15 with priority path.</b> CHP contingency made ready on 27.03.15. AHP contingency made ready on 23.03.15. <b>Full load achieved on 29.03.15. COD achieved on 04.06.16.</b><br><br><b>Unit-9</b><br>Boiler erection started on 05.01.11. Boiler HT (Drainable) completed on 29.10.12. BLU achieved on 07.05.15. EDTA completed on 22.08.15. CW and ACW completed in 11/15. <b>SBO started on 13.12.15 and completed on 26.12.15. Unit normalization also completed.</b> Condenser erection started on 17.10.13. TG erection started on 17.10.13. TG box up completed on 18.08.15. TG oil flushing completed in 01/16. Deck floating completed on 18.02.16. <b>TG put on BG on 07.03.16.</b> GT back charging completed on 18.03.16. <b>Oil synch. achieved on 21.03.16. Coal firing achieved on 21.03.16. Full load achieved on 21.03.16.</b><br><br><b>BoPs:</b> <ul style="list-style-type: none"><li>In this project the order for BoPs on EPC basis was placed on M/s BGR. The project got delayed due to delay in readiness of BoPs by M/s BGR. Now both the units have been commissioned.</li></ul> |  |
|                   |                                                                                                                                                                                                                                                                            | 9                                                                                                                                                                                     | 500                                                                                                            | 07/12<br>09/12         | 10/12 | 03/16 (A)<br>03/16(A)  | 11/16        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Original Estd. Cost                                                                                                                                                                                                                                                        |                                                                                                                                                                                       | : Rs. 550000 Lakhs                                                                                             |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Latest Est. Cost                                                                                                                                                                                                                                                           |                                                                                                                                                                                       | :Rs.649729 Lakhs                                                                                               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 2008-09                                                                                                                                                                                                                                                 |                                                                                                                                                                                       | : Rs 15870 Lakhs                                                                                               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 2009-10                                                                                                                                                                                                                                                 |                                                                                                                                                                                       | : Rs 56258 Lakhs                                                                                               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 2010-11                                                                                                                                                                                                                                                 |                                                                                                                                                                                       | : Rs 75822 Lakhs                                                                                               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 2011-12                                                                                                                                                                                                                                                 |                                                                                                                                                                                       | : Rs 113662 Lakhs                                                                                              |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 2012-13                                                                                                                                                                                                                                                 |                                                                                                                                                                                       | :Rs: 50864 Lakhs                                                                                               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 2013-14                                                                                                                                                                                                                                                 |                                                                                                                                                                                       | :Rs: 103286 Lakhs                                                                                              |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 2014-15                                                                                                                                                                                                                                                 |                                                                                                                                                                                       | :Rs: 77530 Lakhs                                                                                               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 2015-16                                                                                                                                                                                                                                                 |                                                                                                                                                                                       | :Rs: 124861 Lakhs (upto 10/16)                                                                                 |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Total Expenditure (Upto 10/16)                                                                                                                                                                                                                                             |                                                                                                                                                                                       | : Rs 719561 Lakhs                                                                                              |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Approval date:                                                                                                                                                                                                                                                             |                                                                                                                                                                                       | : 05.03.08                                                                                                     |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Zero date:                                                                                                                                                                                                                                                                 |                                                                                                                                                                                       | : Zero date of the project is 09.02.09 (Zero date shifted due to late release of initial advance to M/s BHEL). |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Notice To Proceed (NTP)                                                                                                                                                                                                                                                    |                                                                                                                                                                                       | :09.02.09                                                                                                      |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Financial closure                                                                                                                                                                                                                                                          |                                                                                                                                                                                       | : NA                                                                                                           |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Main Plant Order                                                                                                                                                                                                                                                           |                                                                                                                                                                                       | : M/S BHEL on 25.07.08 (BTG + C&I, Electrical &Aux.Equip.)                                                     |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | BTG Make                                                                                                                                                                                                                                                                   |                                                                                                                                                                                       | BHEL                                                                                                           |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | BOP Package                                                                                                                                                                                                                                                                |                                                                                                                                                                                       | M/s BGR EPC basis                                                                                              |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Type of fuel                                                                                                                                                                                                                                                               |                                                                                                                                                                                       | Coal                                                                                                           |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | PPA                                                                                                                                                                                                                                                                        |                                                                                                                                                                                       | :MSETCL                                                                                                        |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Source and supply of Fuel                                                                                                                                                                                                                                                  |                                                                                                                                                                                       | : From Machhakata captive coal mines Orissa.                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Power Evacuation system                                                                                                                                                                                                                                                    |                                                                                                                                                                                       | Existing 400kV/220 kV Chandrapur-II s/s along with switching station.                                          |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | <ul style="list-style-type: none"><li>MOE&amp;F clearance received in 01/09.</li><li>NIT issued for BOP packages on 7.11.08.</li><li>Order for all the BOPs on EPC basis placed on M/s BGR, Chennai on 12.06.09. Zero date for BOP package is 10.07.09.</li><li></li></ul> |                                                                                                                                                                                       |                                                                                                                |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Critical issues   |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                       |                                                                                                                |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Reasons for Delay |                                                                                                                                                                                                                                                                            | Delay in finalization of BOP agency. Delay in readiness of BoPs by M/s BGR.Delay in readiness of CHP by BGR. Readiness of Bunkers and Feeders. Delay in readiness of ACW & CW piping. |                                                                                                                |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |

| Sl. No.           | Project Details                    | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Capacity (MW)                                                                     | Commissioning Schedule |       |                        |              | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------|-------|------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                   | Original               |       | Actual(A)/ As Expected |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                   | Synch/ Comm            | COD   | Synch/ Comm            | COD          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| State Sector      |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Koradi TPS, (Distt. Nagpur) MSPGCL | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 660                                                                               | 09/13<br>12/13         | 01/14 | 02/15 (A)<br>03/15(A)  | 12/15        | <b>Unit-8</b><br><br>Boiler erection started on 24.03.11. Boiler HT (Non-Drainable) completed on 15.06.13. EDTA cleaning started in 08/14. BLU completed on 11.09.14. SBO started on 14.01.15 and completed on 11.02.15. Condenser erection started on 10.05.12. TG deck casting completed in 12/11. TG erection started on 28.04.12. TG box up completed on 31.10.13. TG oil flushing completed in 03/14. TG put on BG on 03.03.14. <b>Oil synch. achieved on 25.02.15 at 16:17 Hrs. Coal bunkering started on 28.03.15 Coal firing achieved on 29.03.15. Full load achieved on 30.03.15. COD achieved on 16.12.15.</b> |
|                   |                                    | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 660                                                                               | 03/14<br>06/14         | 07/14 | 01/16 (A)<br>03/16(A)  | 10/16<br>(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   |                                    | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 660                                                                               | 09/14<br>12/14         | 01/15 | 07/16(A)<br>09/16      | 12/16        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Original Estd. Cost                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | : Rs.1188000 Lakhs                                                                |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Latest Est. Cost                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | : Rs. 1323210 Lakhs                                                               |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Expenditure during 03/10           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | : Rs. 70000Lakhs                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Expenditure during 2010-11         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | : Rs. 23975Lakhs                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Expenditure during 2011-12         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | : Rs. 203750Lakhs                                                                 |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Expenditure during 2012-13         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :Rs.359844 Lakhs                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Expenditure during 2013-14         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :Rs.369480 Lakhs                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Expenditure during 2014-15         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :Rs.158940 Lakhs                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Expenditure during 2015-16         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :Rs 160190 Lakhs                                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Expenditure during 2016-17         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :Rs 21743 Lakhs (Upto 10/16)                                                      |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Total Expenditure (Upto 10/16)     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | : Rs 1365166 Lakhs                                                                |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Approval date:                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | : NA                                                                              |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Zero date:                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :23.09.09.                                                                        |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Notice To Proceed (NTP)            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :23.09.09                                                                         |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Financial closure                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | : Achieved                                                                        |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Main Plant Order                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | : M/S L&T on 23.09.09 (BTG)                                                       |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | BTG Make                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | L&T/MHI                                                                           |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | BOP Package                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | M/s Lanco Infratech on EPC basis                                                  |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Type of fuel                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | : Coal (11MMTPA or 24931.5 MT/Day)                                                |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | PPA                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Source and supply of Fuel          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | : Machhakata & Mahanadi coal Block in Odisha (Gare Palma Sector-II, Chhattisgarh) |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   | Power Evacuation system            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   |                                    | <ul style="list-style-type: none"><li>Mega Power Project Status: Granted on 16.12.09 by MoP, GOI.</li><li>All required clearances are available.</li><li>Orders for all BOPs on EPC basis placed on M/s Lanco Infratech Ltd on 27.07.10.</li><li>M/s Lanco Infratech Ltd has reported at site on 16.08.10.</li></ul>                                                                                                                                                                                                                                                                                          |                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Critical issues   |                                    | Readiness of NDCT-10.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reasons for Delay |                                    | Non-readiness of BoPs by Lanco infratech.Switchyard civil foundation work of various equipment's & control room is to be expedited. -Agency- M/s. MSETC.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   |                                    | <b>Unit-9</b><br><br>Boiler erection started on 28.10.11. Boiler HT (Non-Drainable) completed on 04.01.14. BLU achieved on 16.01.15. SBO started on 09.12.15 and completed on 04.01.16. Condenser erection started on15.11.12. TG deck casting completed in 10/12. TG erection started on 26.11.12. TG box up completed on 28.07.14. TG oil flushing completed in 01/15. TG put on BG on 16.01.15. <b>Oil synch. achieved on 21.01.16. Coal firing achieved on 02.03.16. Full load achieved on 15.03.16.</b> Conditional Consent To Operate is approved by CAC of MPCB on 16.09.16. COD achieved on 14/10/16. |                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   |                                    | <b>Unit-10</b><br><br>Boiler erection started on 15.02.12. Boiler HT (Non-Drainable) completed on 05.07.14. Chemical cleaning completed on 03.10.15. <b>BLU achieved on 29.02.16.SBO started on 07.05.16 and completed in 06/16.</b> Condenser erection start is expected in 05/13. TG deck casting completed on 24.02.13. TG erection started on 27.06.13. TG box up completed on 19.05.15. TG oil flushing completed in 02/16. TG put on BG on 23.02.16 . <b>Oil synch. Achieved on 01.07.16.</b> Coal firing is expected in 11/16. Full load achieved on 28/12/2016. COD expected in 01/17.                |                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                   |                                    | <b>BoPs:</b><br><br><ul style="list-style-type: none"><li>Here BoPs were placed on M/s Lanco Infratech Ltd on EPC basis. Due to Financial crunch Lanco delayed the readiness of BoPs. At present except NDCT-10 all the BoPs completed.</li></ul>                                                                                                                                                                                                                                                                                                                                                             |                                                                                   |                        |       |                        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| Sl. No.                               | Project Details                | Unit                                                                                                                                                                                                                             | Capacity (MW) | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                       |                                |                                                                                                                                                                                                                                  |               | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                       |                                |                                                                                                                                                                                                                                  |               | Synch/ Comm            | COD   | Synch/ Comm            | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| State Sector                          |                                |                                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                       | Parli TPS (Distt. Beed) MSPGCL | 8                                                                                                                                                                                                                                | 250           | 07/13<br>08/13         | 09/13 | 03/16 (A)<br>03/16(A)  | 10/16 | <b>Unit-8</b><br><br>Boiler foundations handed over to BHEL on 10.07.10. Boiler erection started on 10.08.10. Boiler Drum lifting completed on 10.04.11. Boiler HT (Drainable) completed on 25.12.12. Boiler HT (Non-Drainable) completed on 22.05.15. BLU completed on 22.05.15. EDTA completed on 06.09.15. SBO started on 17.12.15. and completed on 04.01.16. Condenser erection started in 04/11. TG deck casting completed in 04/11. TG erection started on 19.05.11. TG box up completed on 04.02.16. TG oil flushing completed in 01/16. TG put on BG on05.03.16.<br><b>Oil synch. achieved on 03.03.16. Coal firing achieved on 29.03.16. Full load achieved on 30.03.16. COD is yet to be achieved.</b><br><br><b>BoPs:</b><br><br>• For this project the order for BoPs on EPC basis was placed on M/s Snil Hitech. There were lot of dispute between Sunil Hitech and MSPGCL. Most of the packages were delayed. |
| <b>Original Estd. Cost</b>            |                                | : Rs 137500 Lakh                                                                                                                                                                                                                 |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Latest Est. Cost</b>               |                                | : Rs 185924Lakh                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Expenditure during 03/10              |                                | : Rs. 7500Lakhs                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Expenditure during 2010-11            |                                | : Rs 28701 Lakhs                                                                                                                                                                                                                 |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Expenditure during 2011-12            |                                | : Rs 46823Lakhs                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Expenditure during 2012-13            |                                | :Rs 45647Lakhs                                                                                                                                                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Expenditure during 2013-14            |                                | :Rs 29461Lakhs                                                                                                                                                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Expenditure during 2014-15            |                                | :Rs 14586Lakhs                                                                                                                                                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Expenditure during 2015-16            |                                | :Rs 34051 Lakhs                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Expenditure during 2016-17            |                                | : Rs.10239 Lakhs                                                                                                                                                                                                                 |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Total Expenditure (Upto 09/16)</b> |                                | : Rs 212879 Lakhs                                                                                                                                                                                                                |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Approval date:</b>                 |                                | : NA                                                                                                                                                                                                                             |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Zero date:</b>                     |                                | : 20.01.09.                                                                                                                                                                                                                      |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Notice To Proceed (NTP)</b>        |                                | :20.01.09                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Financial closure</b>              |                                | : Achieved                                                                                                                                                                                                                       |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Main Plant Order</b>               |                                | : M/S BHEL on 20.01.09 (BTG)                                                                                                                                                                                                     |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>BTG Make</b>                       |                                | : BHEL                                                                                                                                                                                                                           |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>BOP on EPC basis</b>               |                                | : M/s Sunil Hi Tech.                                                                                                                                                                                                             |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Type of fuel</b>                   |                                | : Coal                                                                                                                                                                                                                           |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>PPA</b>                            |                                |                                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source and supply of Fuel</b>      |                                | : Machhakata & Mahanadi coal block                                                                                                                                                                                               |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Power Evacuation system</b>        |                                |                                                                                                                                                                                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                       |                                | <ul style="list-style-type: none"><li>All required clearances are available.</li><li>TG erection agency M/s. Van Sun &amp; M/s. Jyoti turbo reported site on 08.04.14 &amp; 18.04.14 respectively and started working.</li></ul> |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Critical issues</b>                |                                | <b>Commissioning of CHP</b>                                                                                                                                                                                                      |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Reasons for Delay</b>              |                                | Delay in Finalization of BOP agency delayed the project. In adequate and non-sequential supply by BHEL. Delay in readiness of BoPs by M/s Sunil hitech. <b>Severe water shortage in the region.</b>                              |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

| Sl. No.                                                  | Project Details                                                        | Unit | Capacity (MW)                                                                                                                                                                                                               | Commissioning Schedule |       |                        |       | Broad Status                                                                                              |
|----------------------------------------------------------|------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|-------|-----------------------------------------------------------------------------------------------------------|
|                                                          |                                                                        |      |                                                                                                                                                                                                                             | Original               |       | Actual(A)/ As Expected |       |                                                                                                           |
|                                                          |                                                                        |      |                                                                                                                                                                                                                             | Synch/ Comm            | COD   | Synch/ Comm            | COD   |                                                                                                           |
| State Sector                                             |                                                                        |      |                                                                                                                                                                                                                             |                        |       |                        |       |                                                                                                           |
|                                                          | Tirora TPP ,Ph-I (Distt: Gondia) M/s Adani Power Maharashtra Pvt. Ltd. | 1    | 660                                                                                                                                                                                                                         | 03/11<br>04/11         | 05/11 | 08/12 (A)<br>09/12(A)  | 09/12 | <u>Unit-1</u><br>Unit resynchronized on 02.09.12. Full load achieved on 11.09.12.COD achieved on 23.09.12 |
|                                                          |                                                                        | 2    | 660                                                                                                                                                                                                                         | 06/11<br>07/11         | 08/11 | 01/13 (A)<br>03/13(A)  | 03/13 |                                                                                                           |
| Original Estd. Cost                                      |                                                                        |      | : Rs.656000 lakhs                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                           |
| Latest Est. Cost                                         |                                                                        |      | :Rs. 730900 lakhs                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                           |
| Expenditure during 03/09                                 |                                                                        |      | : Rs. 31835 lakhs                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                           |
| Expenditure during 2009-10                               |                                                                        |      | : Rs. 53304 Lakhs                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                           |
| Expenditure during 2010-11                               |                                                                        |      | : Rs. 365061 Lakhs                                                                                                                                                                                                          |                        |       |                        |       |                                                                                                           |
| Expenditure during 2011-12                               |                                                                        |      | : Rs. 221400Lakhs                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                           |
| Expenditure during 2012-13                               |                                                                        |      | : Rs. 78400 Lakhs (upto 06/13)                                                                                                                                                                                              |                        |       |                        |       |                                                                                                           |
| Total Expenditure                                        |                                                                        |      | : Rs. 750000Lakhs (upto 06/13)                                                                                                                                                                                              |                        |       |                        |       |                                                                                                           |
| Approval date:                                           |                                                                        |      | : NA                                                                                                                                                                                                                        |                        |       |                        |       |                                                                                                           |
| Zero date:                                               |                                                                        |      | : 28.02.08                                                                                                                                                                                                                  |                        |       |                        |       |                                                                                                           |
| Notice To Proceed (NTP)                                  |                                                                        |      | : 28.02.08                                                                                                                                                                                                                  |                        |       |                        |       |                                                                                                           |
| Financial closure                                        |                                                                        |      | : Achieved on 20.08.09                                                                                                                                                                                                      |                        |       |                        |       |                                                                                                           |
| Main Plant Order (Boiler-Babcock, China) (TG-BSTG,China) |                                                                        |      | BTG Contract awarded to SCMEC China on 28.02.08.                                                                                                                                                                            |                        |       |                        |       |                                                                                                           |
| BTG Make                                                 |                                                                        |      | Boiler-Babcock, China, TG-BSTG, China                                                                                                                                                                                       |                        |       |                        |       |                                                                                                           |
| BOP Package                                              |                                                                        |      | Reputed Indian Vendors                                                                                                                                                                                                      |                        |       |                        |       |                                                                                                           |
| Type of fuel                                             |                                                                        |      | : Coal                                                                                                                                                                                                                      |                        |       |                        |       |                                                                                                           |
| PPA                                                      |                                                                        |      | :                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                           |
| Source and supply of Fuel                                |                                                                        |      | : Imported Coal (very low Sulphur & Ash content)                                                                                                                                                                            |                        |       |                        |       |                                                                                                           |
| Power Evacuation system                                  |                                                                        |      | : yet to start                                                                                                                                                                                                              |                        |       |                        |       |                                                                                                           |
|                                                          |                                                                        |      |                                                                                                                                                                                                                             |                        |       |                        |       |                                                                                                           |
| Critical issues                                          |                                                                        |      |                                                                                                                                                                                                                             |                        |       |                        |       |                                                                                                           |
| Reasons for Delay                                        |                                                                        |      | Accordance of Mega Status. Power evacuation system. Chinese visa issue. Tapering Linkage/Coal block in lieu of Lohara mines needs to be expedited.400 KV Transmission line .. <b>Line successfully charged on 25.08.12.</b> |                        |       |                        |       |                                                                                                           |

| Sl. No.                                                  | Project Details                                                        | Unit                                                                                                                                     | Capacity (MW) | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                   |
|----------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                          |                                                                        |                                                                                                                                          |               | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                |
|                                                          |                                                                        |                                                                                                                                          |               | Synch/ Comm            | COD   | Synch/ Comm            | COD   |                                                                                                                                                                                                                |
| State Sector                                             |                                                                        |                                                                                                                                          |               |                        |       |                        |       |                                                                                                                                                                                                                |
|                                                          | Tirora TPP,Ph-II (Distt: Gondia) M/s Adani Power Maharashtra Pvt. Ltd. | 1                                                                                                                                        | 660           | 09/11<br>10/11         | 11/11 | 05/13 (A)<br>06/13(A)  | 06/13 | <u>Unit-1</u><br>Unit synchronization achieved on 24.05.13. Coal synch. achieved on 25.05.13. Full load achieved on 10.06.13.COD achieved on 14.06.13.<br><br><u>BoPs:</u><br><br>• BoPs already commissioned. |
| Original Estd. Cost                                      |                                                                        | : Rs.899300 Lakhs (Three units)                                                                                                          |               |                        |       |                        |       |                                                                                                                                                                                                                |
| Latest Est. Cost                                         |                                                                        | :Rs.963500 lakhs (Three units)                                                                                                           |               |                        |       |                        |       |                                                                                                                                                                                                                |
| Expenditure during 03/10                                 |                                                                        | : Rs. 26822 Lakhs                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                |
| Expenditure during 2010-11                               |                                                                        | : Rs. 96342Lakhs                                                                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                                |
| Expenditure during 2011-12                               |                                                                        | : Rs. 358400Lakhs                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                |
| Expenditure during 2012-13                               |                                                                        | : Rs. 195200Lakhs                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                |
| Expenditure during 2013-14                               |                                                                        | : Rs 258600Lakhs                                                                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                                |
| Expenditure during 2014-15                               |                                                                        | : Rs 27800Lakhs                                                                                                                          |               |                        |       |                        |       |                                                                                                                                                                                                                |
| Total Expenditure (Upto 06/14)                           |                                                                        | :Rs 963164Lakhs (Three Units)                                                                                                            |               |                        |       |                        |       |                                                                                                                                                                                                                |
| Approval date:                                           |                                                                        | ;NA                                                                                                                                      |               |                        |       |                        |       |                                                                                                                                                                                                                |
| Zero date:                                               |                                                                        | : 28.02.08                                                                                                                               |               |                        |       |                        |       |                                                                                                                                                                                                                |
| Notice To Proceed (NTP)                                  |                                                                        | :28.02.08                                                                                                                                |               |                        |       |                        |       |                                                                                                                                                                                                                |
| Financial closure                                        |                                                                        | : Achieved on 18.09.09                                                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                |
| Main Plant Order (Boiler-Babcock, China) (TG-BSTG,China) |                                                                        | : BTG Contract awarded to SCMEC China on 28.02.08                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                |
| BTG Make                                                 |                                                                        | Boiler-Babcock, China, TG-BSTG, China.                                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                |
| BOP on EPC basis                                         |                                                                        | : reputed Indian Vendors                                                                                                                 |               |                        |       |                        |       |                                                                                                                                                                                                                |
| Type of fuel                                             |                                                                        | : Coal                                                                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                |
| PPA                                                      |                                                                        | : Maharashtra Govt.                                                                                                                      |               |                        |       |                        |       |                                                                                                                                                                                                                |
| Source and supply of Fuel                                |                                                                        | : Imported Coal (very low Sulphur & Ash content)                                                                                         |               |                        |       |                        |       |                                                                                                                                                                                                                |
| Power Evacuation system                                  |                                                                        | • Tirora- Warora 400kV D/C line<br>• Warora- Wardha 400 kV D/C Line<br>•                                                                 |               |                        |       |                        |       |                                                                                                                                                                                                                |
| Critical issues                                          |                                                                        |                                                                                                                                          |               |                        |       |                        |       |                                                                                                                                                                                                                |
| Reasons for Delay                                        |                                                                        | Readiness of Transmission Lines by Adani.. Chinese visa issue. Tapering Linkage/Coal block in lieu of Lohara mines needs to be expedited |               |                        |       |                        |       |                                                                                                                                                                                                                |

| Sl. No.      | Project Details                                                                                                                                                                                                                                       | Unit | Capacity (MW)                                                                                                                                                                                                                                               | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|              |                                                                                                                                                                                                                                                       |      |                                                                                                                                                                                                                                                             | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              |                                                                                                                                                                                                                                                       |      |                                                                                                                                                                                                                                                             | Synch/ Comm            | COD   | Synch/ Comm            | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| State Sector |                                                                                                                                                                                                                                                       |      |                                                                                                                                                                                                                                                             |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | Tirora TPP, Ph-II (Distt: Gondia)<br>M/s Adani Power Maharashtra Pvt. Ltd.                                                                                                                                                                            | 2    | 660                                                                                                                                                                                                                                                         | 05/12<br>07/12         | 08/12 | 03/14 (A)<br>03/14(A)  | 03/14 | <b>Unit-2</b><br><br>Boiler erection started on 06.12.10. <b>Boiler HT completed on 25. 09.12.</b> BLU completed on 31.12.13. SBO started on 22.01.14 and completed on 25.01.14. Condenser erection started on 05.04.12. TG erection started on 02.02.12. TG box up is completed on 07.08.13. TG oil flushing completed on 19.11.13. TG put on BG on 02.01.14. 765 kV line readiness achieved on 25.01.14. CHP is ready in all respect. <b>Synchronization achieved on 13.03.14. Full load achieved on 23/03/14. COD achieved on 31.03.14.</b> |  |
|              |                                                                                                                                                                                                                                                       | 3    | 660                                                                                                                                                                                                                                                         | 08/12<br>10/12         | 11/12 | 09/14 (A)<br>09/14(A)  | 10/14 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | <b>Original Estd. Cost</b>                                                                                                                                                                                                                            |      | : Rs.899300 Lakhs ( Three units)                                                                                                                                                                                                                            |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | <b>Latest Est. Cost</b>                                                                                                                                                                                                                               |      | :Rs.963500 lakhs (Three units)                                                                                                                                                                                                                              |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | Expenditure during 2009-10                                                                                                                                                                                                                            |      | : Rs. 26822 Lakhs                                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | Expenditure during 2010-11                                                                                                                                                                                                                            |      | : Rs. 96342Lakhs                                                                                                                                                                                                                                            |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | Expenditure during 2011-12                                                                                                                                                                                                                            |      | : Rs. 358400Lakhs                                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | Expenditure during 2012-13                                                                                                                                                                                                                            |      | : Rs. 195200Lakhs                                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | Expenditure during 2013-14                                                                                                                                                                                                                            |      | : Rs 258600Lakhs                                                                                                                                                                                                                                            |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | Expenditure during 2014-15                                                                                                                                                                                                                            |      | : Rs 27800Lakhs                                                                                                                                                                                                                                             |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | <b>Total Expenditure (Upto 06/14)</b>                                                                                                                                                                                                                 |      | :Rs. 963164 Lakh (Three units)                                                                                                                                                                                                                              |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | <b>Approval date:</b>                                                                                                                                                                                                                                 |      | : 17.02.10                                                                                                                                                                                                                                                  |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | <b>Zero date:</b>                                                                                                                                                                                                                                     |      | : 05.11.09                                                                                                                                                                                                                                                  |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | <b>Notice To Proceed (NTP)</b>                                                                                                                                                                                                                        |      | :05.11.09                                                                                                                                                                                                                                                   |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | <b>Financial closure</b>                                                                                                                                                                                                                              |      | : Achieved on 20.08.09                                                                                                                                                                                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | <b>Date of Main Plant Order (BTG is being sourced from SEC China)</b>                                                                                                                                                                                 |      | EPC Contract awarded to SCMEC China on 05.11.09                                                                                                                                                                                                             |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | <b>BTG Make</b>                                                                                                                                                                                                                                       |      | <b>BTG is being sourced from SEC China.</b>                                                                                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | <b>BOP Package</b>                                                                                                                                                                                                                                    |      | Reputed Indian BoP vendors                                                                                                                                                                                                                                  |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | <b>Type of fuel</b>                                                                                                                                                                                                                                   |      | : Coal                                                                                                                                                                                                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | <b>PPA</b>                                                                                                                                                                                                                                            |      | : Maharashtra Govt.                                                                                                                                                                                                                                         |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | <b>Source and supply of Fuel</b>                                                                                                                                                                                                                      |      | :Coal linkage awaited                                                                                                                                                                                                                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | <b>Power Evacuation system</b>                                                                                                                                                                                                                        |      | : The power will be evacuated through 400kV Double Circuit line with quad conductor from Tirora to Warora and 765kV transmission system from Tirora to Koradi to Akola to Aurangabad. <b>The construction of 400kV Double Circuit line also completed..</b> |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | <ul style="list-style-type: none"><li>All clearances are available.</li><li>Design &amp; Engineering is in progress.</li><li>The order for all the BOPs have been placed and completed as per schedule. BOPs are common for both the units.</li></ul> |      |                                                                                                                                                                                                                                                             |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | <b>Critical issues</b>                                                                                                                                                                                                                                |      |                                                                                                                                                                                                                                                             |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|              | <b>Reasons for Delay</b>                                                                                                                                                                                                                              |      | Coal Allocation/ Long Term Coal Linkage for Unit#2 & Unit#3 is awaited from MoC.                                                                                                                                                                            |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |

#### Unit-3

Boiler erection started on 04.01.11. Boiler HT completed on 11.09.13. **EDTA completed in 04/14.** BLU completed in 09/14. SBO completed in 09/14. Condenser erection started on 09.10.12. TG deck completed in 07/12. TG erection started on 21. 09.12. TG box up is completed on 30.12.13. TG oil flushing completed in 08/14. Delayed due to non-achieving of Nash value. TG on BG achieved in 08/14. **Coal synch. achieved on 19.09.14. Full load achieved on 25.09.14. COD declared w.e.f. 12.10.14.**

#### TG

#### BoPs:

- All the BoPs commissioned as per schedule.

| Sl. No.                                                                                                                                                                                                                                                                                                                                             | Project Details                                                                        | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Capacity (MW) | Commissioning Schedule |       |                             |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|-----------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                     |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               | Original               |       | Actual(A)/ As Expected      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                     |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               | Synch/ Comm            | COD   | Synch/ Comm                 | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| State Sector                                                                                                                                                                                                                                                                                                                                        |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                     | Bela Thermal Power Project (Distt. Nagpur)<br>M/s Ideal Energy Projects Limited (IEPL) | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 270           | <u>10/11</u><br>12/11  | 01/12 | <u>03/13(A)</u><br>03/13(A) | 07/13 | <b>Unit-1</b><br><br>Boiler front handed over to BHEL by MBE. Boiler material supply started from 29.11.09. Boiler erection started on 06.03.10 against the original schedule of 26.12.09. Boiler drum lifting completed on 25.08.10. Boiler HT(D) achieved on 06.06.11. Boiler HT (Non-Drainable) completed on 24.02.12. BLU achieved on 29.02.12. EDTA completed from 1.4.12 to 6.4.12. SBO started on 04.05.12 and completed on 25.05.12. Condenser erection started on 20.09.10. TG erection started on 20.09.10. TG box up completed on 14.03.12. TG oil flushing started on 28.05.12 and completed on 30.06.12. TG put on BG on 12.09.12.<br><b>Synch achieved on 07.03.13. Coal firing completed on 07.03.13. Full load achieved on 20.03.13. COD achieved on 18.07.13.</b><br><br><b>BoPs:</b> <ul style="list-style-type: none"><li>All the BoPs by MBE completed.</li></ul> |
| <b>Original Estd. Cost</b>                                                                                                                                                                                                                                                                                                                          |                                                                                        | : Rs- 147700 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Latest Est. Cost</b>                                                                                                                                                                                                                                                                                                                             |                                                                                        | : Rs. 176800 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Expenditure during 03/09                                                                                                                                                                                                                                                                                                                            |                                                                                        | : Rs. 7200 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Expenditure during 2009-10                                                                                                                                                                                                                                                                                                                          |                                                                                        | : Rs. 16451Lakhs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Expenditure during 2010-11                                                                                                                                                                                                                                                                                                                          |                                                                                        | : Rs. 54409Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Expenditure during 2011-12                                                                                                                                                                                                                                                                                                                          |                                                                                        | : Rs54058Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Expenditure during 2012-13                                                                                                                                                                                                                                                                                                                          |                                                                                        | :Rs.87120 Lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Expenditure during 2013-14                                                                                                                                                                                                                                                                                                                          |                                                                                        | :Rs.11971 Lakhs (upto 06/13)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Total Expenditure</b>                                                                                                                                                                                                                                                                                                                            |                                                                                        | :Rs176800 Lakhs (upto 06/13)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Approval date:</b>                                                                                                                                                                                                                                                                                                                               |                                                                                        | : NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Zero date:</b>                                                                                                                                                                                                                                                                                                                                   |                                                                                        | : 06.12.08.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Notice To Proceed (NTP)</b>                                                                                                                                                                                                                                                                                                                      |                                                                                        | : 06.12.08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Financial closure</b>                                                                                                                                                                                                                                                                                                                            |                                                                                        | : Achieved in 10/09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Main Plant Order</b>                                                                                                                                                                                                                                                                                                                             |                                                                                        | : Placed on M/s BHEL on 6.12.08 for BTG.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>BTG Make</b>                                                                                                                                                                                                                                                                                                                                     |                                                                                        | BHEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>BOP on EPC basis</b>                                                                                                                                                                                                                                                                                                                             |                                                                                        | MBE On EPC basis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Type of fuel</b>                                                                                                                                                                                                                                                                                                                                 |                                                                                        | : Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>PPA</b>                                                                                                                                                                                                                                                                                                                                          |                                                                                        | : No PPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source and supply of Fuel</b>                                                                                                                                                                                                                                                                                                                    |                                                                                        | :From WCL and MCL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Power Evacuation system</b>                                                                                                                                                                                                                                                                                                                      |                                                                                        | : M/s IEPL has been granted connectivity & open access on 400KV Koradi-Wardha Double Circuit line.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <ul style="list-style-type: none"><li>All required clearances are available.</li><li>Order for all the BOPs have been placed on 29.07.09 on M/s McNally Bharat Engg. Co.Ltd. Kolkata (MBE) on EPC basis.</li><li>FSA with SECL signed.</li><li>BHEL have opened site office on 16.08.09.</li><li>M/s MBE have mobilized site on 22.09.09.</li></ul> |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Critical issues</b>                                                                                                                                                                                                                                                                                                                              |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Reasons for Delay</b>                                                                                                                                                                                                                                                                                                                            |                                                                                        | Commissioning of Koradi-Wardha 400kV double circuit line. <b>(Required for Start up Power)</b> BHEL supplies of generator stator from Haridwar. Regular Chimney is ready (Brick lining work is in progress) BLU and EDTA has been carried out through temporary Chimney. Synchronisation and full load is getting delayed due to non availability of Start up power and readiness of power evacuation system by MSETCL (ROW Issue). As a contingency arrangement PGCIL has granted start up power connectivity on Mouda-Deoli 400KV PGCIL line by providing LILo arrangement. Work on last tower is also completed on 22.10.12. Other formal clearances are also in place. Start up power received on 15.12.12. Switchyard back charged on 16.12.12. Delay is due to non-availability of evacuation line of MSETCL. |               |                        |       |                             |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

| Sl. No.                   | Project Details                                                                           | Unit                                                                                                               | Capacity (MW)                                                                                                                                              | Commissioning Schedule |       |                        |          | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|---------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                           |                                                                                           |                                                                                                                    |                                                                                                                                                            | Original               |       | Actual(A)/ As Expected |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           |                                                                                           |                                                                                                                    |                                                                                                                                                            | Synch/ Comm            | COD   | Synch/ Comm            | COD      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Private Sector            |                                                                                           |                                                                                                                    |                                                                                                                                                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           | GEPL Thermal Power Project, Ph-I (Distt. Chandrapur) M/s Gupta Energy Pvt. Limited (GEPL) | 2                                                                                                                  | 60                                                                                                                                                         | 12/10<br>12/10         | 12/10 | 04/12(A)<br>04/12(A)   | 05/12(A) | <b>Unit-2 Boiler</b><br>Boiler erection started on 02.09.09. Boiler Drum lifted on 14.01.10. Boiler HT (Non-drainable) achieved on 01.10.10. BLU completed in 11/11. SBO started on 08.01.12 completed on 20.01.12. Condenser erection started on 05.03.10. TG erection started on 16.04.10. TG box up completed in 12/10. Oil flushing completed. TG put on BG on 21.11.11.<br><b>Unit synchronization achieved on19.04.12. Commissioning achieved on 28.04.12. COD achieved on 09.05.12.</b><br><br><b>Unit-1 Boiler</b><br>Boiler erection started on 02.11.09. Boiler Drum lifted on 14.03.10. Boiler HT (Non-drainable) completed on 15.08.11. BLU completed on 25.11.11. SBO completed on 15.02.12. Condenser erection started on 05.05.10. TG erection started on 16.06.10. TG box up completed in 01/12. <b>Synch. achieved on 29.08.12. Commissioning achieved on 08.09.12.</b><br><br><b>BoPs:</b> <ul style="list-style-type: none"><li>All the BoPs commissioned.</li></ul> |  |
|                           |                                                                                           | 1                                                                                                                  | 60                                                                                                                                                         | 11/10<br>11/10         | 11/10 | 08/12(A)<br>09/12(A)   | 09/12(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           | Original Estd. Cost                                                                       |                                                                                                                    | : Rs- 65649 Lakhs                                                                                                                                          |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           | Latest Est. Cost                                                                          |                                                                                                                    | : Rs. 75000Lakhs                                                                                                                                           |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           | Expenditure during 03/10                                                                  |                                                                                                                    | : Rs. 32354lakhs                                                                                                                                           |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           | Expenditure during 2010-11                                                                |                                                                                                                    | : Rs. 20200 Lakhs                                                                                                                                          |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           | Expenditure during 2011-12                                                                |                                                                                                                    | : Rs. 16164 Lakhs                                                                                                                                          |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           | Expenditure during 2012-13                                                                |                                                                                                                    | : Rs. 3800Lakhs                                                                                                                                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           | Total Expenditure (Upto 12/12)                                                            |                                                                                                                    | :Rs.72518 Lakhs                                                                                                                                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           | Approval date:                                                                            |                                                                                                                    | : NA                                                                                                                                                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           | Zero date:                                                                                |                                                                                                                    | :04/09                                                                                                                                                     |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           | Notice To Proceed (NTP)                                                                   |                                                                                                                    | :04/09                                                                                                                                                     |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           | Financial closure                                                                         |                                                                                                                    | : Achieved                                                                                                                                                 |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           | Main Plant Order                                                                          |                                                                                                                    | : Placed on M/s Thyssenkrupp Industries India Pvt.Ltd. (Boiler) in 04/09 and China National Automotive Industries International Cooperation (TG) in 03/09. |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           | BTG Make                                                                                  |                                                                                                                    | M/s Thyssenkrupp Industries India Pvt.Ltd. (Boiler) and China National Automotive Industries International Cooperation (TG).                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           | BOP Package                                                                               |                                                                                                                    | : Packagewise                                                                                                                                              |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           | Type of fuel                                                                              |                                                                                                                    | : Coal                                                                                                                                                     |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           | PPA                                                                                       |                                                                                                                    |                                                                                                                                                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Source and supply of Fuel |                                                                                           | : (washery reject coal) in process                                                                                 |                                                                                                                                                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Power Evacuation system   |                                                                                           |                                                                                                                    |                                                                                                                                                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                           |                                                                                           | <ul style="list-style-type: none"><li>FSA is in progress.</li><li>All required clearances are available.</li></ul> |                                                                                                                                                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Critical issues           |                                                                                           | : Coal availability                                                                                                |                                                                                                                                                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Reasons for Delay         |                                                                                           | Coal availability                                                                                                  |                                                                                                                                                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |

| Sl. No.                                       | Project Details                                                                        | Unit                                                                                                                                                                                                                                                                                                                                                                                              | Capacity (MW) | Commissioning Schedule |       |                        |          | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                               |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                   |               | Original               |       | Actual(A)/ As Expected |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                               |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                   |               | Synch/ Comm            | COD   | Synch/ Comm            | COD      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| State Sector                                  |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                               | Butibori TPP, Ph- II, (Ph-I is CPP) (Distt: Nagpur) M/s Vidarbha Industries Power Ltd. | 1                                                                                                                                                                                                                                                                                                                                                                                                 | 300           | 12/11 01/12            | 02/12 | 06/12(A) 08/12(A)      | 04/13(A) | <b>Unit-1</b><br>Civil works started on 01.06.10. Boiler erection started in 10/10. . Boiler HT (ND) completed on 27.10.11. BLU completed on 27.03.12. SBO started on 13.04.12 and completed on 27.04.12. TG Civil works started on 01.06.10. TG erection started. TG Box up completed in 04/12. TG put on BG in 04/12. Unit normalization completed. Synch achieved on 25.06.12. Coal Firing achieved on 25.06.12. <b>Full load achieved on 17.08.12. COD achieved on 04.04.13.</b><br><br><b>BoPs:</b> <ul style="list-style-type: none"><li>All BoPs already commissioned.</li></ul> |
| Original Estd. Cost                           |                                                                                        | : Rs.160000 lakhs                                                                                                                                                                                                                                                                                                                                                                                 |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Latest Est. Cost                              |                                                                                        | : Rs.160000 lakhs                                                                                                                                                                                                                                                                                                                                                                                 |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Expenditure during 03/10                      |                                                                                        | : Rs 940 lakh                                                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Expenditure during 2010-11                    |                                                                                        | :Rs 15440 lakh                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Expenditure during 2011-12                    |                                                                                        | : Rs 86400 lakh                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Expenditure during 2012-13                    |                                                                                        | : Rs.9900 lakh                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Total Expenditure (Upto 12/12)                |                                                                                        | :Rs.112700 lakhs                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Approval date:                                |                                                                                        | : Expected in 10/10                                                                                                                                                                                                                                                                                                                                                                               |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Zero date:                                    |                                                                                        | : 16.12.09                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Notice To Proceed (NTP)                       |                                                                                        | :16.12.09                                                                                                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Financial closure                             |                                                                                        | : Achieved                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Main Plant Order (Boiler &TG from SEC, China) |                                                                                        | :BTG Contract awarded to Shanghai Electric Company China on 16.12.09.                                                                                                                                                                                                                                                                                                                             |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| BTG Make                                      |                                                                                        | Boiler &TG from SEC, China)                                                                                                                                                                                                                                                                                                                                                                       |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| BOP on EPC basis                              |                                                                                        | Reputed Indian BoP vendors.                                                                                                                                                                                                                                                                                                                                                                       |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Type of fuel                                  |                                                                                        | : Coal                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PPA                                           |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Source and supply of Fuel                     |                                                                                        | : Available, WCL, 1.11million tones per annum                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power Evacuation system                       |                                                                                        | : MSTECL Grid. 220 kV D/C power evacuation transmission line is ready for energisation.                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                               |                                                                                        | <ul style="list-style-type: none"><li>All clearances are available.</li><li>The order for civil &amp; structural work (GCW) has placed on M/s JMC.</li><li>DM Plant commissioned on 05.10.11.</li><li>Chimney is ready for BLU.</li><li>Switchyard made ready for back charging (21.11.11).</li><li>FSA: Available</li><li>EPC contract awarded to M/s Reliance Infrastructure Limited.</li></ul> |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Critical issues                               |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reasons for Delay                             |                                                                                        | The problem in mills and turbine bearing. Non-availability of coal. Non-readiness of CHP                                                                                                                                                                                                                                                                                                          |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

| Sl. No.        | Project Details                                                                                                                                                                                              | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Capacity (MW)                                                                                                 | Commissioning Schedule |       |                        |          | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                |                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                               | Original               |       | Actual(A)/ As Expected |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                |                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                               | Synch/ Comm            | COD   | Synch/ Comm            | COD      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Private Sector |                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Amravati TPP, Ph-I, (Distt: Amravati) M/s RattanIndia Power Limited (Formerly known as Indiabulls Power Ltd.)                                                                                                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 270                                                                                                           | 11/11<br>12/11         | 01/12 | 03/13(A)<br>03/13(A)   | 06/13(A) | <b>Unit-1</b><br>Boiler civil works started on 16.03.10. Boiler erection started on 04.10.10. Boiler drum lifting completed on 01.03.11. Boiler HT (Drainable) completed on 11.03.12. Boiler Light up completed on 24.08.12. SBO started on 11.01.13 and completed on 31.01.13. TG civil works started on 27.04.10. TG erection started on 25.08.11. TG Box up completed on 08.06.12. TG oil flushing completed in 12/12. <b>TG put on BG on 19.01.13.</b> Steam dumping started on 05.03.13. <b>Oil synch. achieved on 09.03.13. Coal synch. achieved on 22.03.13. Full load achieved on 25.03.13. COD achieved on 03.06.13.</b> |  |
|                |                                                                                                                                                                                                              | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 270                                                                                                           | 12/11<br>12/11         | 01/12 | 02/14(A)<br>02/14(A)   | 03/14(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                |                                                                                                                                                                                                              | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 270                                                                                                           | 01/12<br>01/12         | 02/12 | 01/15(A)<br>01/15(A)   | 02/15(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                |                                                                                                                                                                                                              | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 270                                                                                                           | 02/12<br>02/12         | 03/12 | 03/15(A)<br>03/15(A)   | 03/15(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                |                                                                                                                                                                                                              | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 270                                                                                                           | 03/12<br>03/12         | 04/12 | 03/15(A)<br>03/15(A)   | 03/15(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Original Estd. Cost                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : Rs.688900 lakhs                                                                                             |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Latest Est. Cost                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : Rs.749333 lakhs                                                                                             |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Expenditure during 03/10                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : Rs 97723 Lakh                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Expenditure during 2010-11                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : Rs. 80446Lakhs                                                                                              |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Expenditure during 2011-12                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : Rs.225784 Lakhs                                                                                             |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Expenditure during 2012-13                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : Rs. 185928 Lakhs                                                                                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Expenditure during 2013-14                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : Rs. 111494 Lakhs                                                                                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Expenditure during 2014-15                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : Rs. 70303 Lakhs                                                                                             |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Total Expenditure (Upto 03/15)                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : Rs. 771678 Lakhs                                                                                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Approval date:                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | :NA                                                                                                           |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Zero date:                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : 30.11.09                                                                                                    |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Notice To Proceed (NTP)                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | :30.11.09                                                                                                     |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Financial closure                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : Achieved on 26.11.09                                                                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Main Plant Order                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : BTG on EPC basis awarded to BHEL on 30.11.09.                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | BTG Make                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BHEL                                                                                                          |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | BOP on EPC basis                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Reputed Indial Vendors                                                                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Type of fuel                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : Coal                                                                                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | PPA                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Maharashtra Govt.                                                                                             |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Source and supply of Fuel                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : From SLC (LT) on 12.11.08.(5.093MTA)                                                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Power Evacuation system                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : Through 400kV D/C quad Moose transmission line upto Akola from there in nearest CTU/STU.                    |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | <ul style="list-style-type: none"><li>FSA: With SECL &amp; WCL in 06/09(LOA)</li><li>All clearances are available.</li><li>Zero date of the project is 30.11.09.</li><li>Mega status is available.</li></ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Critical issues                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                | Reasons for Delay                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Non-readiness of railway siding, Non-availability of coal. Shortage of water, readiness of evacuation system. |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                |                                                                                                                                                                                                              | <b>Unit-2</b><br>Boiler civil works started in 05/10. Boiler erection started on 20.10.10. Boiler drum lifting completed on 25.03.11. Boiler HT (D) completed on 31.03.12. <b>Boiler light up achieved on 31.03.13.</b> SBO completed on 15.11.13. TG civil works started in 06/10. TG erection started on 31.12.11. TG Box up achieved on 05.08.13. TG oil flushing completed on 21.07.13. <b>TG put on BG on 12.08.13.</b> Normalization completed in 12/13. Oil synch. achieved on 01.02.14. Coal synch achieved on 01.02.14. <b>Full load achieved on 17.02.14. COD achieved on 28.03.14.</b>                |                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                |                                                                                                                                                                                                              | <b>Unit-3</b><br>Boiler civil works started in 07/10. Boiler erection started on 05.01.11. Boiler drum lifting completed on 17.06.11. Boiler HT (D) completed on 07.10.12. Boiler Light up completed on 12.03.14. SBO started on 15.12.14and completed with normalization on 10.01.15. TG civil works started in 08/10. TG erection started on 29.02.12. TG Box up completed on 10.01.14. TG oil flushing completed in 01/14. <b>TG put on BG on 30.01.14. Oil synch achieved on 18.01.15. Coal synch. also achieved on 18.01.15. Full load achieved on 29.01.15. COD achieved on 03.02.15.</b>                  |                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                |                                                                                                                                                                                                              | <b>Unit-4</b><br>Boiler civil works started in 09/10. Boiler erection started on 17.02.11. Boiler drum lifting completed on 27.11.11. Boiler HT (D) completed on 31.03.13. Boiler Light up achieved in 12/14. SBO started on 12.01.15 and completed on 28.01.15. TG civil works started in 10/10. TG erection started on 25.05.12. TG Box up completed in 11/14. TG oil flushing completed in 12/14. <b>TG on BG achieved on 02.12.14.Oil synch. achieved on 02.03.15. Coal synch. achieved on 03.03.15. Full load achieved on 04.03.15. COD achieved on 07.03.15.</b>                                           |                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                |                                                                                                                                                                                                              | <b>Unit-5</b><br>Boiler civil works started in 11/10. Boiler erection started on 25.03.11. Boiler drum lifting completed on 13.01.12. Boiler HT (D) completed in 11/14. Boiler Light up achieved on 27.01.15. SBO started 06.02.15 and completed on 14.02.15. TG civil works started in 12/10. TG erection started on 10.11.12. TG Box up completed on 18.10.14. TG oil flushing completed on 09.02.15. <b>TG put on BG on 22.02.15.</b> Steam dumping completed on 09.03.15. <b>Oil synch. achieved on 11.03.15. Coal synch. achieved on 11.03.15. Full load achieved on 12.03.15. COD achieved on 13.03.15</b> |                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                |                                                                                                                                                                                                              | <b>BoPs:</b> <ul style="list-style-type: none"><li>The order was placed on reputed Indian vendors. BoPs were common for all the five units and completed as per schedule.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |

| Sl. No.                   | Project Details                                                                                             | Unit                                                                                                                                                     | Capacity (MW)                                   | Commissioning Schedule |       |                        |     | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|---------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------|-------|------------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                           |                                                                                                             |                                                                                                                                                          |                                                 | Original               |       | Actual(A)/ As Expected |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           |                                                                                                             |                                                                                                                                                          |                                                 | Synch/ Comm            | COD   | Synch/ Comm            | COD |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Private Sector            |                                                                                                             |                                                                                                                                                          |                                                 |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           | Amravati TPP , Ph-II, (Distt: Amravati) M/s RattanIndia Power Ltd.(Formerly known as Indiabulls Power Ltd.) | 1                                                                                                                                                        | 270                                             | 05/14<br>07/14         | 08/14 | @                      | @   | <b>@: Work is on hold (April,2012)</b><br><b>Unit-1</b><br><b>Boiler</b><br>1. Boiler erection started on 24.11.11.<br>2. <b>Work is on hold.</b><br><b>Unit-2</b><br><b>Boiler</b><br>1. Boiler erection started in 01/12.<br>2. <b>Work is on hold</b><br><br><b>Unit-3</b><br><b>Boiler</b><br><b>Work is on hold.</b><br><br><b>Unit-4</b><br><b>Boiler</b><br><b>Work is on hold.</b><br><br><b>Unit-5</b><br><b>Boiler</b><br><b>Work is on hold.</b><br><br><b>BoPs:</b><br><br>• <b>Work is on hold.</b> |  |
|                           |                                                                                                             | 2                                                                                                                                                        | 270                                             | 07/14<br>09/14         | 10/14 | @                      | @   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           |                                                                                                             | 3                                                                                                                                                        | 270                                             | 09/14<br>11/14         | 12/14 | @                      | @   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           |                                                                                                             | 4                                                                                                                                                        | 270                                             | 11/14<br>01/15         | 02/15 | @                      | @   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           |                                                                                                             | 5                                                                                                                                                        | 270                                             | 03/15                  | 04/15 | @                      | @   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           | Original Estd. Cost                                                                                         |                                                                                                                                                          | : Rs.664600 Lakh                                |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           | Latest Est. Cost                                                                                            |                                                                                                                                                          | : Rs.664600 Lakh                                |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           | Expenditure during 2011-12                                                                                  |                                                                                                                                                          | : Rs. 49727 Lakhs                               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           | Expenditure during 2012-13                                                                                  |                                                                                                                                                          | : Rs.20866 Lakhs                                |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           | Expenditure during 2013-14                                                                                  |                                                                                                                                                          | : Rs.3397 Lakhs                                 |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           | Expenditure during 2014-15                                                                                  |                                                                                                                                                          | : Rs.2390 Lakhs                                 |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           | Total Expenditure (Upto 03/15)                                                                              |                                                                                                                                                          | :Rs 76380 Lakhs                                 |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           | Approval date:                                                                                              |                                                                                                                                                          | :NA                                             |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           | Zero date:                                                                                                  |                                                                                                                                                          | 11.10.10                                        |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           | Notice To Proceed (NTP)                                                                                     |                                                                                                                                                          | :11.10.10                                       |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           | Financial closure                                                                                           |                                                                                                                                                          | : Achieved on 01.02.11                          |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           | Main Plant Order                                                                                            |                                                                                                                                                          | : BTG on EPC basis awarded to BHEL on 11.10.10. |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           | BTG Make                                                                                                    |                                                                                                                                                          | BHEL                                            |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           | BOP on EPC basis                                                                                            |                                                                                                                                                          |                                                 |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           | Type of fuel                                                                                                |                                                                                                                                                          | Coal                                            |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| PPA                       |                                                                                                             | No PPA                                                                                                                                                   |                                                 |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Source and supply of Fuel |                                                                                                             | :With MCL & WCL in 11/10(LOA) .                                                                                                                          |                                                 |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Power Evacuation system   |                                                                                                             | : Through 400kV/765KV Akola and Wardha Substations of MSETCL through 400KV/765KV D/C transmission line.                                                  |                                                 |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                           |                                                                                                             | <ul style="list-style-type: none"><li>FSA: Letter awaited.</li><li>All clearances are available.</li><li>Zero date of the project is 11.10.10.</li></ul> |                                                 |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Critical issues           |                                                                                                             |                                                                                                                                                          |                                                 |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Reasons for Delay         |                                                                                                             | Due to financial constraints project has been put on hold.                                                                                               |                                                 |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |

| Sl. No.           | Project Details                                                                                                                                                                                                                                                                           | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Capacity (MW)                                                                             | Commissioning Schedule |       |                        |           | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------|-------|------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   |                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                           | Original               |       | Actual(A)/ As Expected |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   |                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                           | Synch/Comm             | COD   | Synch/Comm             | COD       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Private Sector    |                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                           |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Nasik TPP, Ph-I (Distt: Nasik)<br>M/s RattanIndia Nasik Power Ltd.(Formerly known as Indiabulls Realtech Ltd.)                                                                                                                                                                            | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 270                                                                                       | 12/11<br>02/12         | 03/12 | 02/14(A)<br>02/14(A)   | 03/14 (A) | <b>Unit-1</b><br>Boiler erection started on 03.11.10. Boiler drum lifting completed on 31.03.11. Boiler HT (D) completed on 28.03.12. BLU completed on 22.10.12. SBO completion achieved on 15.04.13. Unit normalization completed in 04/13. TG civil works started on 01.06.10. TG erection started on 25.09.11. TG Box Up completed on 30.01.13. TG oil flushing completed on 15.04.13. TG on BG achieved on 31.05.13. Boiler lighted up for steam dumping on 22.12.13. Steam dumping started on 22.12.13. Rolling completed on 28.12.13. Oil synch. achieved on 05.02.14. Coal bunkering started on 10.02.14. Coal synch. achieved on 24.02.14. <b>Full load achieved on 25.02.14. COD achieved on 29.03.14.</b> |
|                   |                                                                                                                                                                                                                                                                                           | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 270                                                                                       | 02/12<br>04/12         | 05/12 | 03/16 (A)<br>09/16     | 01/17     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   |                                                                                                                                                                                                                                                                                           | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 270                                                                                       | 04/12<br>06/12         | 07/12 | 12/16<br>12/16         | 02/17     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   |                                                                                                                                                                                                                                                                                           | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 270                                                                                       | 06/12<br>08/12         | 09/12 | 02/17<br>02/17         | 03/17     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   |                                                                                                                                                                                                                                                                                           | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 270                                                                                       | 08/12<br>10/12         | 11/12 | 03/17<br>03/17         | 04/17     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Original Estd. Cost                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Rs.678900 lakhs                                                                         |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Latest Est. Cost                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Rs.784898 lakhs                                                                         |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Expenditure during 03/10                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | :Rs. 30620 Lakhs                                                                          |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Expenditure during 2010-11                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | :Rs. 100000Lakhs                                                                          |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Expenditure during 2011-12                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | :Rs. 180309 Lakhs                                                                         |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Expenditure during 2012-13                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | :Rs. 144526 Lakhs                                                                         |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Expenditure during 2013-14                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | :Rs 107396 Lakhs                                                                          |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Expenditure during 2014-15                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | :Rs 98461 Lakhs                                                                           |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Expenditure during 2015-16                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | :Rs                                                                                       |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Total Expenditure (Upto 03/15)                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | :Rs. 661312 Lakhs                                                                         |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Approval date:                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : NA                                                                                      |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Zero date:                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : 24.11.09                                                                                |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Notice To Proceed (NTP)                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | :24.11.09                                                                                 |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Financial closure                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Achieved on 30.06.10                                                                    |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Main Plant Order                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : BTG on EPC basis awarded to BHEL on 24.11.09.                                           |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | BTG Make                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | BHEL                                                                                      |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | BOP on EPC basis                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Reputed Indian Vendors                                                                    |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Type of fuel                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Coal                                                                                    |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | PPA                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | No PPA                                                                                    |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Source and supply of Fuel                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : From SLC (LT) on 17.12.08.                                                              |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Power Evacuation system                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Through 400kV D/C quad Moose transmission line upto MSETCL sub-station at Bhubaneshwar. |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   | <ul style="list-style-type: none"><li>FSA: With MCL, SECL &amp; WCL on 11.06.09. All clearances are available.</li><li>Design &amp; Engineering completed.</li><li>The BOPs are common for all the five units. All the BoPs are either already completed or nearing completion.</li></ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                           |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Critical issues   |                                                                                                                                                                                                                                                                                           | PPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                           |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Reasons for Delay |                                                                                                                                                                                                                                                                                           | <ul style="list-style-type: none"><li>Railway siding for coal transportation.</li><li>Finalization of PPA.</li><li>Rectification of defect in GIS switchyard by Siemens-Germany.</li><li>Fault in HT panel</li><li>Financial Constraints</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                           |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                   |                                                                                                                                                                                                                                                                                           | <b>Unit-2</b><br>Boiler erection started on 08.12.10. Boiler drum lifting completed on 27.07.11. Boiler HT (D) completed on 03.07.12. BLU achieved on 27.11.13. EDTA completed in 02/14. SBO started on 28.02.14 and completed on 14.03.14. TG erection started on 25.12.11. TG Box Up completed on 08.10.13. TG oil flushing completed on 31.12.13. <b>TG put on BG on 10.03.14.</b> Rolling completed on 31.03.14. Readiness of Railway siding by 03/16. GIS clearance received in 01/16. Clearance given to BHEL to start the work on 10.01.16. BHEL re-started work at site on 30.01.16. <b>Coal synch. achieved on 21.03.16.</b> Full load is expected in 01/17.<br><b>TG</b><br><b>Unit-3</b><br><b>Boiler</b><br>Boiler erection started on 12.01.11. Boiler drum lifting completed on 12.12.11. Boiler HT completed on 30.10.13. Commissioning is expected in 03/17.<br><b>TG</b><br>TG erection started on 19.01.12. TG box up is expected in 10/16.<br><b>Unit-4</b><br><b>Boiler</b><br>Boiler erection started on 16.05.11. Boiler drum lifting completed on 23.12.11. Boiler HT is completed in 11/16. Commissioning is expected in 04/17.<br><b>TG</b><br>TG erection started in 05/12. TG box up is expected in 12/16.<br><b>Unit-5</b><br><b>Boiler</b><br>Boiler erection started on 16.06.11. Boiler drum lifting completed on 06.03.12.<br><b>TG</b><br>TG erection started on 30.04.16. TG Box Up expected in 01/17.<br><br><u><b>BoPs:</b></u><br><ul style="list-style-type: none"><li><b>The order was placed on reputed Indian vendors. BoPs were common for all the five units and either completed or nearing completion.</b></li></ul> |                                                                                           |                        |       |                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

| Sl. No.           | Project Details                                                                                                                  | Unit                                               | Capacity (MW)                                                                             | Commissioning Schedule |       |                        |     | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------|-------|------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                                                                                                                  |                                                    |                                                                                           | Original               |       | Actual(A)/ As Expected |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   |                                                                                                                                  |                                                    |                                                                                           | Synch/ Comm            | COD   | Synch/ Comm            | COD |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Private Sector    |                                                                                                                                  |                                                    |                                                                                           |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Nasik TPP , Ph-II (Distt: Nasik) M/s RattanIndia Nasik Power Ltd.(Formerly known as Indiabulls Realtech Ltd.)                    | 1                                                  | 270                                                                                       | 01/13<br>04/13         | 04/13 | @                      | @   | @: Work is on hold (May, 2012). Schedule will be decided after restart of work at site.<br><br>Unit-1 Boiler<br>Boiler erection started in 09/11. Work is on hold.<br>Unit-2 Boiler<br>Boiler erection started in 11/11. Work is on hold.<br>Unit-3 Boiler<br>Work is on hold<br>Unit-4 Boiler<br>Work is on hold<br>Unit-5 Boiler<br>Work is on hold<br><br>BoPs:<br><br>• Work at site has been put on hold since long back. |  |
|                   |                                                                                                                                  | 2                                                  | 270                                                                                       | 03/13<br>06/13         | 06/13 | @                      | @   |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   |                                                                                                                                  | 3                                                  | 270                                                                                       | 05/13<br>08/13         | 08/13 | @                      | @   |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   |                                                                                                                                  | 4                                                  | 270                                                                                       | 07/13<br>10/13         | 10/13 | @                      | @   |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   |                                                                                                                                  | 5                                                  | 270                                                                                       | 09/13<br>12/13         | 12/13 | @                      | @   |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Original Estd. Cost                                                                                                              |                                                    | : Rs.678900 lakhs                                                                         |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Latest Est. Cost                                                                                                                 |                                                    | : Rs.678900 lakhs                                                                         |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 03/10                                                                                                         |                                                    | : Rs.36805 Lakhs                                                                          |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 2010-11                                                                                                       |                                                    | : Rs. 10000 Lakhs                                                                         |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 2011-12                                                                                                       |                                                    | :Rs. 5339 Lakhs                                                                           |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 2012-13                                                                                                       |                                                    | :Rs. 9615 Lakhs                                                                           |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 2013-14                                                                                                       |                                                    | :Rs. 5022 Lakhs                                                                           |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 2014-15                                                                                                       |                                                    | :Rs. 4400 Lakhs                                                                           |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Total Expenditure (Upto 03/15)                                                                                                   |                                                    | :Rs. 71181Lakhs                                                                           |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Approval date:                                                                                                                   |                                                    | : NA                                                                                      |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Zero date:                                                                                                                       |                                                    | : 24.11.09                                                                                |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Notice To Proceed (NTP)                                                                                                          |                                                    | : 24.11.09                                                                                |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Financial closure                                                                                                                |                                                    | : Achieved on 30.06.10                                                                    |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Main Plant Order                                                                                                                 |                                                    | : BTG on EPC basis awarded to BHEL on 24.11.09                                            |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | BTG Make                                                                                                                         |                                                    | BHEL                                                                                      |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | BOP on EPC basis                                                                                                                 |                                                    | Reputed Indian Vendors                                                                    |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Type of fuel                                                                                                                     |                                                    | Coal                                                                                      |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | PPA                                                                                                                              |                                                    | No PPA                                                                                    |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Source and supply of Fuel                                                                                                        |                                                    | : From SLC (LT) on 17.12.08.                                                              |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Power Evacuation system                                                                                                          |                                                    | : Through 400kV D/C quad Moose transmission line upto MSETCL sub-station at Bhabaleshwar. |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | <ul style="list-style-type: none"><li>FSA: With MCL, SECL &amp; WCL on 11.06.09.</li><li>All clearances are available.</li></ul> |                                                    |                                                                                           |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Critical issues   |                                                                                                                                  | Work at site is on hold.                           |                                                                                           |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Reasons for Delay |                                                                                                                                  | Work at site has been put on hold since long back. |                                                                                           |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |

| Sl. No.                                                                                                                                                                                                                               | Project Details                                                                                            | Unit                                                                                                                                                                                                                                                                                                | Capacity (MW)                                                  | Commissioning Schedule |       |                        |          | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------|-------|------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                                                                                                                                                                                       |                                                                                                            |                                                                                                                                                                                                                                                                                                     |                                                                | Original               |       | Actual(A)/ As Expected |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                       |                                                                                                            |                                                                                                                                                                                                                                                                                                     |                                                                | Synch/ Comm            | COD   | Synch/ Comm            | COD      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Private Sector                                                                                                                                                                                                                        |                                                                                                            |                                                                                                                                                                                                                                                                                                     |                                                                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                       | GMR Warora TPP, Ph-I &II , (Distt: Chandrapur) M/s GMR Warora Energy Ltd ( Erstwhile M/s EMCO Energy.Ltd.) | 1                                                                                                                                                                                                                                                                                                   | 300                                                            | 09/11                  | 11/11 | 12/12(A)               | 02/13(A) | <b>Unit-1</b><br>Boiler erection started in 12/10. Boiler Drum lifted in 05/11. HT (Non-Drainable) completed in 01/12. EDTA completed on 21.07.12. BLU completed on 29.08.12. SBO started on 02.10.12 and completed on 14.10.12. Normalization completed. Condenser erection started on 18.07.11. TG erection started on 12.12.11. TG box up completed on 13.05.12. TG oil flushing completed on 05.09.12. TG put on BG on 15.09.12. <b>Oil Synch. achieved on 10.12.12.</b> Coal bunkering started on 15.1.13. Coal synch. achieved on 25.01.13. <b>Full load achieved on 07.02.13. COD achieved on 19.03.13.</b><br><br><b>Unit-2</b><br>Boiler erection started in 02/11. Drum lifting completed in 08/11. Boiler HT (D) completed on 24.07.12. EDTA completed on 28.03.13. BLU completed on 03.04.13. All Mills completed on 30.07.13. SBO completion and normalization achieved in 07/13. Condenser erection started on 19.03.12. TG erection started on 21.02.12. TG boxed up on 27.02.13. TG oil flushing completed in 05/13. TG put on BG on 15.05.13. <b>Oil synch. achieved on 06.08.13. Coal firing done on 25.08.13.</b> AHP readiness achieved on 30.07.13. <b>Full load achieved on 27.08.13. COD achieved on 01.09.13.</b><br><br><b>BoPs:</b> <ul style="list-style-type: none"><li>All BoPs were completed as per schedule.</li></ul> |  |
|                                                                                                                                                                                                                                       |                                                                                                            | 2                                                                                                                                                                                                                                                                                                   | 300                                                            | 12/11                  | 02/12 | 08/13(A)               | 08/13(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                       | Original Estd. Cost                                                                                        |                                                                                                                                                                                                                                                                                                     | : Rs.348000 lakhs                                              |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                       | Latest Est. Cost                                                                                           |                                                                                                                                                                                                                                                                                                     | : Rs.400000 lakhs                                              |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                       | Expenditure during 03/10                                                                                   |                                                                                                                                                                                                                                                                                                     | : Rs.30300 lakhs                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                       | Expenditure during 2010-11                                                                                 |                                                                                                                                                                                                                                                                                                     | : Rs50600 Lakh                                                 |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                       | Expenditure during 2011-12                                                                                 |                                                                                                                                                                                                                                                                                                     | : Rs.186000 Lakh                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                       | Expenditure during 2012-13                                                                                 |                                                                                                                                                                                                                                                                                                     | : Rs.96700 Lakh                                                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                       | Expenditure during 2013-14                                                                                 |                                                                                                                                                                                                                                                                                                     | : Rs.11500 Lakh                                                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                       | Total Expenditure (Upto 06/13)                                                                             |                                                                                                                                                                                                                                                                                                     | : Rs.375100Lakhs                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                       | Approval date:                                                                                             |                                                                                                                                                                                                                                                                                                     | :NA                                                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                       | Zero date:                                                                                                 |                                                                                                                                                                                                                                                                                                     | :25.09.09                                                      |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                       | Notice To Proceed (NTP)                                                                                    |                                                                                                                                                                                                                                                                                                     | :25.09.09                                                      |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                       | Financial closure                                                                                          |                                                                                                                                                                                                                                                                                                     | Achieved                                                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                       | Date of Main Plant Order (Boiler &TG from SEC, China)                                                      |                                                                                                                                                                                                                                                                                                     | : BTG Contract awarded to Shanghai Electric China on 25.09.09. |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                       | BTG Make                                                                                                   |                                                                                                                                                                                                                                                                                                     | (Boiler &TG from SEC, China)                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                       | BOP on EPC basis                                                                                           |                                                                                                                                                                                                                                                                                                     | : Reputed Indian Vendors                                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Type of fuel                                                                                                                                                                                                                          |                                                                                                            | : Coal                                                                                                                                                                                                                                                                                              |                                                                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| PPA                                                                                                                                                                                                                                   |                                                                                                            | :Signed                                                                                                                                                                                                                                                                                             |                                                                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Source and supply of Fuel                                                                                                                                                                                                             |                                                                                                            | Coal linkage : Available                                                                                                                                                                                                                                                                            |                                                                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Power Evacuation system                                                                                                                                                                                                               |                                                                                                            | <ul style="list-style-type: none"><li>PGCIL has granted long term access and bulk power transfer agreement.</li><li>Agreement signed with PGCIL on 15.12.09 for construction of 2 bays at Bhadravati substation.</li><li>Line survey work and construction work completed.</li></ul>                |                                                                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| <ul style="list-style-type: none"><li>FSA: available.</li><li>All clearances are available.</li><li>Order for all the BOPs have already been placed.</li><li>M/s TCE Consulting Engineers, Bangalore are owner’s engineers.</li></ul> |                                                                                                            |                                                                                                                                                                                                                                                                                                     |                                                                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Critical issues                                                                                                                                                                                                                       |                                                                                                            |                                                                                                                                                                                                                                                                                                     |                                                                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Reasons for Delay                                                                                                                                                                                                                     |                                                                                                            | Acquisition and handing over of railway siding and ash pond land got delayed from MIDC. Readiness of Transmission line for back charging. MIDC has delayed the award of weir Contract. Contingency arrangement for startup power had been made. <b>Regular start up power received on 22.10.12.</b> |                                                                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |

**BoPs:**

- All BoPs were completed as per schedule.

| Sl. No.           | Project Details                                                                                                                                                                                                                                    | Unit                                                                                                                                                                                                                                      | Capacity (MW)                                                                                                                                           | Commissioning Schedule |       |                        |          | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|                   |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                           |                                                                                                                                                         | Original               |       | Actual(A)/ As Expected |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                           |                                                                                                                                                         | Synch/ Comm            | COD   | Synch/ Comm            | COD      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
| Private Sector    |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                           |                                                                                                                                                         |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | Dhariwal TPP, (Distt: Chandrapur) M/s Dhariwal Infrastructure Private Ltd.                                                                                                                                                                         | 1                                                                                                                                                                                                                                         | 300                                                                                                                                                     | 02/12<br>02/12         | 03/12 | 09/13 (A)<br>11/13(A)  | 02/14(A) | <b>Unit-1</b><br>Boiler erection started on 31.03.11. Boiler drum lifting completed on 18.10.11. HT (D) completed On 30.06.12. HT (ND) completed on 06.01.13. <b>BLU achieved on 13.02.13.</b> EDTA completed on 09.03.13. SBO completed on 02.04.13. Condenser erection started on 10.02.12. TG erection started on 20.02.12. TG Box completed on 15.01.13. TG oil flushing completed on 01.03.13. <b>TG put on BG on 23.03.13.</b> Rolling done in 07/13. <b>Oil synch. achieved on 02.09.13. Coal firing achieved on 16.09.13. Full load achieved on 03.11.13. COD achieved on 13.02.14.</b><br><br><b>Unit-2</b><br>Boiler erection started on 12.06.11. Boiler drum lifting completed on 05.03.12. Boiler HT (D) completed on 28.02.13. <b>BLU completed on 15.11.13.</b> SBO completed on 03.01.14. Condenser erection started 10.07.12. TG erection started on 10.07.12. TG oil flushing completed in 12/13. TG Box is completed on 15.10.13. <b>TG put on BG on 13.01.14.</b> Rolling completed on 4.3.14. Oil synch. achieved on 30.04.14. <b>Coal firing achieved on 06.05.14.</b> AHP made ready on 15.05.14. <b>Full load achieved on 28.05.14. COD achieved on 02.08.14.</b><br><br><b>BoPs:</b><br><ul style="list-style-type: none"><li>All the BoPs have been commissioned.</li></ul> |  |  |
|                   |                                                                                                                                                                                                                                                    | 2                                                                                                                                                                                                                                         | 300                                                                                                                                                     | 05/12<br>05/12         | 06/12 | 04/14 (A)<br>05/14(A)  | 08/14(A) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | Original Estd. Cost                                                                                                                                                                                                                                |                                                                                                                                                                                                                                           | : Rs.285000 lakhs                                                                                                                                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | Latest Est. Cost                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                           | : Rs.372900 lakhs                                                                                                                                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | Expenditure during 2010-11                                                                                                                                                                                                                         |                                                                                                                                                                                                                                           | : Rs 44300 lakh                                                                                                                                         |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | Expenditure during 2011-12                                                                                                                                                                                                                         |                                                                                                                                                                                                                                           | : Rs 120600 lakh                                                                                                                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | Expenditure during 2012-13                                                                                                                                                                                                                         |                                                                                                                                                                                                                                           | : Rs 127900 lakh                                                                                                                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | Expenditure during 2013-14                                                                                                                                                                                                                         |                                                                                                                                                                                                                                           | : Rs 58900 lakh                                                                                                                                         |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | Expenditure during 2014-15                                                                                                                                                                                                                         |                                                                                                                                                                                                                                           | : Rs 7600 lakh                                                                                                                                          |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | Total Expenditure (Upto 07/14)                                                                                                                                                                                                                     |                                                                                                                                                                                                                                           | :Rs 352300 lakhs                                                                                                                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | Approval date:                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                           | :NA                                                                                                                                                     |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | Zero date:                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                           | :28.04.10                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | Notice To Proceed (NTP)                                                                                                                                                                                                                            |                                                                                                                                                                                                                                           | :28.04.10                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | Financial closure                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                           | : Achieved in 09/09                                                                                                                                     |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | Date of Main Plant Order (Boiler &TG from SEC, China)                                                                                                                                                                                              |                                                                                                                                                                                                                                           | : BTG Contract awarded to Shanghai Electric Corporation China on 28.04.10.                                                                              |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | BTG Make                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                           | Boiler &TG from SEC, China)                                                                                                                             |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | BOP on EPC basis                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                           | M/s Punj Lloyd                                                                                                                                          |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | Type of fuel                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                           | : Coal                                                                                                                                                  |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | PPA                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                           | :part PPA                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | Source and supply of Fuel                                                                                                                                                                                                                          |                                                                                                                                                                                                                                           | : SECL                                                                                                                                                  |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | Power Evacuation system                                                                                                                                                                                                                            |                                                                                                                                                                                                                                           | <ul style="list-style-type: none"><li>50% with Chandrapur substation of MSETCL and 50% through 400KV Bhadrawati Parli circuit of CTU by LILO.</li></ul> |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                   | <ul style="list-style-type: none"><li>All clearances are available.</li><li>Design &amp; Engineering completed.</li><li>Order for BOPs on EPC basis have been placed M/s Punj Lloyd on 03.08.10. In all the BOPs work already completed.</li></ul> |                                                                                                                                                                                                                                           |                                                                                                                                                         |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
| Critical issues   |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                           |                                                                                                                                                         |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
| Reasons for Delay |                                                                                                                                                                                                                                                    | 400 KVTransmission line was ready but due to non-readiness of Chandrapur –II MSETCL substation, arrangement for start up power was made at 220 KV level. However, for power evacuation Chandrapur II Substation took time in completion.. |                                                                                                                                                         |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |

| Vidh<br>arbh<br>a<br>Sl.<br>No.                                                       | Project Details                                                                             | Unit | Capacity<br>(MW)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Commissioning Schedule |       |                           |       | Broad Status                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|---------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                       |                                                                                             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Original               |       | Actual(A)/ As<br>Expected |       |                                                                                                                                                                                                                                                                         |
|                                                                                       |                                                                                             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Synch/<br>Comm         | COD   | Synch/<br>Comm            | COD   |                                                                                                                                                                                                                                                                         |
| Private Sector                                                                        |                                                                                             |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
|                                                                                       | Lanco Vidarbha<br>TPP,<br>(Distt: Wardha)<br>M/s Lanco<br>vidarbha<br>Thermal Power<br>Ltd. | 1    | 660                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 03/14<br>07/14         | 08/14 | 03/17<br>06/17            | 06/17 | <b>Unit-1<br/>Boiler</b><br>Boiler erection started on 01.08.11. Main structure erection upto 6 <sup>th</sup> tier completed in 10/15. All the (5) Ceiling Girder (CG) erection work completed. Pressure parts erection work started in 04/16. HT is expected in 12/16. |
|                                                                                       |                                                                                             | 2    | 660                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 07/14<br>11/14         | 12/14 | 06/17<br>09/17            | 09/17 |                                                                                                                                                                                                                                                                         |
| Original Estd. Cost                                                                   |                                                                                             |      | : Rs.693600 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Latest Est. Cost                                                                      |                                                                                             |      | : Rs.1043300 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Expenditure during 03/11                                                              |                                                                                             |      | : Rs 97600 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Expenditure during 2011-12                                                            |                                                                                             |      | : Rs 181100 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Expenditure during 2012-13                                                            |                                                                                             |      | : Rs 67200 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Expenditure during 2013-14                                                            |                                                                                             |      | : Rs 15200 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Expenditure during 2014-15                                                            |                                                                                             |      | : Rs - lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Expenditure during 2015-16                                                            |                                                                                             |      | : Rs 98900 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Expenditure during 2016-17                                                            |                                                                                             |      | : Rs 45000 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Total Expenditure<br>(Upto 12/16)                                                     |                                                                                             |      | : Rs 505000 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Approval date:                                                                        |                                                                                             |      | : NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Zero date:                                                                            |                                                                                             |      | : Achieved on 01.12.10.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Notice To Proceed (NTP)                                                               |                                                                                             |      | : Achieved on 01.12.10.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Financial closure                                                                     |                                                                                             |      | : Achieved on 01.12.10.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Main Plant Order<br>Boiler & Aux.: Dongfang,<br>China<br>TG & Aux.: Harbin,<br>China, |                                                                                             |      | : EPC Contract awarded to M/s Lanco Infra<br>Tech Ltd.(LITL) through ICB Route in 11/09.                                                                                                                                                                                                                                                                                                                                                                                        |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| BTG Make                                                                              |                                                                                             |      | Boiler & Aux.: Dongfang, China<br>TG & Aux.: Harbin, China,                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| BOP on EPC basis                                                                      |                                                                                             |      | Lanco Infratech Limited                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Type of fuel                                                                          |                                                                                             |      | : Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| PPA                                                                                   |                                                                                             |      | PPA for 680MW(Net)signed with MSEDCL.                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Source and supply of Fuel                                                             |                                                                                             |      | : SECL                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Power Evacuation system                                                               |                                                                                             |      | : Grant of connectivity letter received at 765<br>kV from Wardha-Seoni line from PGCIL.<br>Connectivity agreement is in progress.                                                                                                                                                                                                                                                                                                                                               |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
|                                                                                       |                                                                                             |      | <ul style="list-style-type: none"><li>All clearances are available. MOEF clearance received on 24.02.11.</li><li>Design &amp; Engineering completed.</li><li>Order for all BOPs have been placed and progressing as per schedule.</li><li>FSA is in process.</li><li>PPA with MSEDCL for 680MW signed on 25.09.08.</li><li>Work was on hold since 01/2013.</li><li>Work at site restarted since April, 2015.</li><li>Work in all the BoPs is also progressing nicely.</li></ul> |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Critical issues                                                                       |                                                                                             |      | Financial crunch.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                           |       |                                                                                                                                                                                                                                                                         |
| Reasons for Delay                                                                     |                                                                                             |      | # Work was on hold due to financial crunch, Work has now restarted since 04/15.                                                                                                                                                                                                                                                                                                                                                                                                 |                        |       |                           |       |                                                                                                                                                                                                                                                                         |

#### TG

TG Deck casting completed. TG handed over to mechanical department for erection. TG erection started in 05/16. EOT Crane (2 nos.) already commissioned.TG Box up is expected in 01/17.

#### Unit-2 Boiler

Boiler erection started in 10/11. Main structure erection upto 6<sup>th</sup> tier completed. All the (5) Ceiling Girder (CG) erection work completed. Pressure parts erection work started in 08/16. HT expected in 01/17.

#### TG

TG raft completed and Mezzanine Floor work completed. Top deck shuttering work also completed, final inspection work under progress. TG erection work completed in 08/16

#### BoPs:

- Chimney:** Civil works for chimney are being done by M/s LITL. Chimney Raft completed. Chimney shell construction completed upto 30 mtr.upto 07/16. Chimney flue can& Platforms fabrication work is under progress and expected in 02/17 & 04/17.
- CHP:** (Elecon Engg.Co. Ltd): Wagon Tippler excavation work completed. Raft Completed in WT area and balance work is in progress. Civil works are being done by M/s LITL. In other parts of CHP such as Stacker reclaimers, Crusher House, TPs and conveyors civil works are in progress..
- AHP: (M/s LITL):** Civil works for BA hoppers, Fly ash silo's, AWP, ASPH and ash dyke are in progress.
- Raw Water Supply System:** Work is in progress.
- PT/ DM Plant(DOshion Veolia water solution):** Approx. 80% civil works completed upto 09/16.
- CW System:** Civil works are with M/s LITL and mechanical works are with M/s Singrauli Associates Pvt. Ltd.. Civil works in CW pump house, CW fore Bay and CW open channel are in progress. 85% CW pipeline erection work completed upto 09/16. Balance erection work is under progress.
- IDCT:** Being done by M/s LITL. For both the IDCT- I: & IDCT- II: PCC and basin raft concreting completed. Pedestal work is in progress.
- FOPH:** All civil works are in progress..
- Switchyard:** 95% switchyard foundations completed so far.

| Sl. No.                                                | Project Details                                                                           | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Capacity (MW) | Commissioning Schedule |       |                        |     | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                        |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               | Original               |       | Actual(A)/ As Expected |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                        |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               | Synch/ Comm            | COD   | Synch/ Comm            | COD |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Private Sector                                         |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                        | Bijora Ghanmukh TPP, (Distt: Yavatmal) M/s Jinbhuvish Power Generations Pvt. Ltd. (JPGPL) | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 300           | 10/16<br>12/16         | 01/17 | @                      | @   | <b>Unit-1<br/>Boiler</b><br>Boiler Civil works started in 09/15. Work at site put on hold due to financial crunch.<br><b>TG</b><br>TG Civil works start is expected in 05/16. Work at site put on hold due to financial crunch.<br><b>Unit-2<br/>Boiler</b><br>Work at site put on hold due to financial crunch.<br><b>TG</b><br>Work at site put on hold due to financial crunch.<br><b>@: Work at site put on hold. Revised commissioning schedule will be decided after re-start of work.</b><br><br><b>BoPs</b><br><br><b>Work yet to start</b> |  |
|                                                        |                                                                                           | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 300           | 01/17<br>03/17         | 03/17 | @                      | @   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Original Estd. Cost                                    |                                                                                           | : Rs.318900 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Latest Est. Cost                                       |                                                                                           | : Rs.345000 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 03/14                               |                                                                                           | : Rs 37475 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2014-15                             |                                                                                           | : Rs 4752 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2015-16                             |                                                                                           | : Rs - lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Total Expenditure (Upto 03/15)                         |                                                                                           | : Rs 42227 lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Approval date:                                         |                                                                                           | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Zero date:                                             |                                                                                           | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Notice To Proceed (NTP)                                |                                                                                           | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Financial closure                                      |                                                                                           | : Achieved (REC &PFC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Date of Main Plant Order (Boiler &TG from CWPC, China) |                                                                                           | : BTG on EPC basis Contract awarded to M/s CWPC (China Western Power Corporation) (through ICB Route) on 28.09.11.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| BTG Make                                               |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| BOP on EPC basis                                       |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Type of fuel                                           |                                                                                           | : Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| PPA                                                    |                                                                                           | : Signed with PTC India Ltd.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Source and supply of Fuel                              |                                                                                           | : WCL(1.851MMT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Power Evacuation system                                |                                                                                           | : Final connectivity on LILO from PGCIL Wardha-Parli D/C transmission line.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                        |                                                                                           | <ul style="list-style-type: none"><li>FSA: Coal Linkage LOA received from WCL, however FSA is yet to be signed</li><li>Consent to Establish : Obtained from MPCB.</li><li>All statutory clearances are available. MOEF clearance received on 30.07.12.</li><li>Design &amp; Engineering in progress.</li><li>Order for all BOPs on EPC basis has already been placed on M/s AEMPL on 26.05.14. The process of subletting packagewise contract to reputed vendors was in progress.</li><li>Site leveling and grading was in progress.</li><li>Capacity revision from 2x250 MW to 2x300 MW accepted and issued letter on 19.03.14.</li><li>FSA is in process. All the milestones required under the terms of LOA have been completed.</li><li>PPA: MOA signed on 27.02.12 with PTC India Ltd. for sale of 430 MW (75%) on Long Term Basis and remaining 25% on merchant power basis.</li><li>Various site enabling works were in progress.</li></ul> |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Critical issues                                        |                                                                                           | Financial Issue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Reasons for Delay                                      |                                                                                           | The schedule of implementation got revised due to change in capacity from 2x250 MW to 2x300 MW. Formal approval received on 19.03.14. Signing of FSA with WCL has to be expedited.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |

| Sl. No.                                                                                                                                                                                                                                                                                                                                                                                                                         | Project Details                                                 | Unit                                                                                                                                                                       | Capacity (MW) | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                 |                                                                                                                                                                            |               | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                 |                                                                                                                                                                            |               | Synch/ Comm            | COD   | Synch/ Comm            | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Private Sector                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                 |                                                                                                                                                                            |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                 | Mangaon CCPP, (Distt: Raigad) M/s Pioneer Gas Power Ltd. (PGPL) | Block-I (1GT+ 1ST+ 1HRSG)                                                                                                                                                  | GT:255 ST:133 | 03/13 04/13            | 05/13 | 06/16 07/16            | 08/16 | <b>Block-1</b><br><b>GTG</b><br>GTG foundations are ready. GTG supply received at site on 01.11.12. GT erection started on 17.01.13. Assembly & Alignment work also completed. Bypass stack erection completed in May, 2013. <b>FSNL completed in 04/16</b> . GTG synchronization in open cycle is achieved in 07/16.<br><b>HRSG</b><br>Civil work started in 06/12. HRSG supply commenced & completed in 10/12. Erection started on 22.11.12. Drum lifting completed on 08.06.13. HT completed in 07/13. ABO completed in 03/16. SBO also completed.<br><b>STG</b><br>Civil works started in 05/12. Deck casting completed. ST erection completed. STG box up is completed in 09/13. ST rolling and Synchronisation achieved in 07/16.<br>Combined cycle commissioning achieved on 14/07/16. It has already achieved a load of 350MW in Combined cycle.<br><br><b>BoPs:</b><br><br>• All the BoPs have been commissioned. |
| Original Estd. Cost                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                 | : Rs.123300 Lakh                                                                                                                                                           |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Latest Est. Cost                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                 | : Rs.177616 Lakh                                                                                                                                                           |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Expenditure during 2011-12                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                 | : Rs. 14198 Lakh                                                                                                                                                           |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Expenditure during 2012-13                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                 | : Rs 50873 Lakh                                                                                                                                                            |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Expenditure during 2013-14                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                 | : Rs 58650 Lakh                                                                                                                                                            |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Total Expenditure (Upto 06/14)                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                 | : Rs 123721 Lakh                                                                                                                                                           |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Approval date:                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                 | : NA                                                                                                                                                                       |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Zero date:                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                 | : 16.12 11                                                                                                                                                                 |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Notice To Proceed (NTP)                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                 | : 16.12 11                                                                                                                                                                 |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Financial closure                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                 | : Achieved on 28.12.11.                                                                                                                                                    |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Date of Main Plant Order                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                 | : EPC Contract awarded to M/s Tata Project Ltd.( TPL) through ICB Route on 16.12 11.                                                                                       |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| BTG Make                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                 | GT/GTG- GE, USA<br>ST/STG- Scoda, Czech<br>HRSG- Wuxi Huaguang                                                                                                             |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| BOP                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                 | Packagewise                                                                                                                                                                |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Type of fuel                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                 | Gas                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PPA                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                 | Part PPA signed                                                                                                                                                            |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Source and supply of Fuel                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                 | : Yet to be accorded                                                                                                                                                       |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power Evacuation system                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                 | : The start up power and power evacuation for this project will be at the voltage of 220kV Vile-Bhagad Sub-station of MSETCL located at around 2km distance from the site. |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <ul style="list-style-type: none"><li>FSA: Completed in 03/16.</li><li>All mandatory clearances are available.</li><li>Design &amp; Engineering completed.</li><li>Order for all the BOPs have already been placed and completed also.</li><li>Configuration is 1GT+1 ST.</li><li>Gas substation is ready.</li><li>Power evacuation system is ready.</li><li>DM plant is ready.</li><li>ACC completed in all respect.</li></ul> |                                                                 |                                                                                                                                                                            |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Critical issues                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                 | Allocation of Gas from D-6, KG Basin.Gas requirement for this project is 1.75mmcmd.                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reasons for Delay                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                 | Non-Availability of domestic gas from D-6, KG Basin                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

| Sl. No.           | Project Details                                                                                                                                                                                                                                    | Unit | Capacity (MW)                                                                                                                                  | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                                                                                                                                                                                                                                    |      |                                                                                                                                                | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   |                                                                                                                                                                                                                                                    |      |                                                                                                                                                | Synch/ Comm            | COD   | Synch/ Comm            | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Private Sector    |                                                                                                                                                                                                                                                    |      |                                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Shirpur Power Private Ltd. Distt. Dhule, Maharashtra                                                                                                                                                                                               | 1    | 150                                                                                                                                            | 12/14                  | 02/15 | 12/16                  | 02/17 | <u>Unit-1 &amp; 2:</u><br>Steam blowing of both the units completed. Main plant structural work completed.<br><br>Project is 96.7% complete.<br><br><u>BoPs:</u><br>Almost all BoPs are completed.<br><br><ul style="list-style-type: none"><li>CHP: coal feeding from emergency reclaim hopper to bunker completed. Wagon tippler erection in progress.</li><li>AHP, Cooling tower, Chimney, PT plant, DM plant, CW system completed.</li><li>Fire detection system erection is in progress.</li><li>Station transformer to be charged after backcharging 220 Kv Transmission line.</li></ul> |  |
|                   |                                                                                                                                                                                                                                                    | 2    | 150                                                                                                                                            | 02/15                  | 04/15 | 02/17                  | 04/17 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Original Estd. Cost                                                                                                                                                                                                                                |      | : Rs.241300 lakhs                                                                                                                              |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Latest Est. Cost                                                                                                                                                                                                                                   |      | : Rs. 241300 lakhs                                                                                                                             |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 2011-12                                                                                                                                                                                                                         |      | : Rs 3368 lakh                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 2012-13                                                                                                                                                                                                                         |      | : Rs 15821 lakh                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 2013-14                                                                                                                                                                                                                         |      | : Rs 74610 lakh                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 2014-15                                                                                                                                                                                                                         |      | : Rs 72102 lakh                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Expenditure during 2015-16                                                                                                                                                                                                                         |      | : Rs 34176 lakh                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Total Expenditure (Upto 03/16)                                                                                                                                                                                                                     |      | :Rs 200108 lakhs                                                                                                                               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Approval date:                                                                                                                                                                                                                                     |      | :NA                                                                                                                                            |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Zero date:                                                                                                                                                                                                                                         |      | :                                                                                                                                              |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Notice To Proceed (NTP)                                                                                                                                                                                                                            |      | :                                                                                                                                              |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Financial closure                                                                                                                                                                                                                                  |      | : Achieved on 08/10/12                                                                                                                         |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Date of Main Plant Order (Boiler &TG from BHEL)                                                                                                                                                                                                    |      | : BTG Contract awarded to BHEL on 22.11.2011.                                                                                                  |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | BTG Make                                                                                                                                                                                                                                           |      | Boiler &TG from BHEL                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | BOP on EPC basis                                                                                                                                                                                                                                   |      |                                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Type of fuel                                                                                                                                                                                                                                       |      | : Coal                                                                                                                                         |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | PPA                                                                                                                                                                                                                                                |      | : 195 MW PPA done with private players in steel and textile sectors. For the rest, new customers like DISCOMs, Railways needs to be found out. |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Source and supply of Fuel                                                                                                                                                                                                                          |      | : SECL                                                                                                                                         |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | Power Evacuation system                                                                                                                                                                                                                            |      | <ul style="list-style-type: none"><li>Connectivity approval from MSETCL for 220 kV line at Amalner substation</li></ul>                        |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                   | <ul style="list-style-type: none"><li>All clearances are available.</li><li>Design &amp; Engineering completed.</li><li>Order for BOPs on EPC basis have been placed M/s Punj Lloyd on 03.08.10. In all the BOPs work already completed.</li></ul> |      |                                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Critical issues   |                                                                                                                                                                                                                                                    |      |                                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Reasons for Delay |                                                                                                                                                                                                                                                    |      |                                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |

# **Southern Region**

## BROAD STATUS OF THERMAL POWER PROJECTS IN ANDHRA PRADESH

| Sl. No.                           | Project Details                                        | Unit No.                                                                                                                                                                                                                                                                                                                                                                                               | Capacity (MW)                                                                                                                                                                                                             | Commissioning Schedule |     |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----|------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                   |                                                        |                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                           | Original               |     | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                   |                                                        |                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                           | Syn. Comm              | COD | Syn. Comm              | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| State Sector                      |                                                        |                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1                                 | Rayalaseema TPP St-IV (M/s. APGENCO)<br>Distt.Cuddapah | 6                                                                                                                                                                                                                                                                                                                                                                                                      | 600                                                                                                                                                                                                                       | 07/14<br>08/14         |     | 02/17<br>03/17         | 03/17 | <ul style="list-style-type: none"><li>• <b>Boiler:</b> Erection started on 04/02/2013. Boiler Drum lifted on 30/11/13. 23680 MT/ 29730MT structural materials erected till 12/16. Boiler air leak test completed. BLU done on 29/12/16. Preparation for EDTA cleaning is in progress. Mill foundation on both sides completed. Bowl mill deck slabs completed for all mills.</li><li>• <b>ESP:</b> 8439 MT/ 9582 MT erected till 12/16. Erection work in all passes completed.</li><li>• <b>TG:</b> TG erection started on 04/03/16 &amp; blue matching of LP2 axial key is in progress. TG rotor received at site. Blue matching of MDBFP &amp; TDBFP anchor plate is in progress</li><li>• <b>Chimney (M/s Gammon):</b> Shell concreting completed. Flue can erection is yet to start.</li><li>• <b>CHP:</b> Work awarded to M/s Thyssenkrup. Levelling &amp; excavation work are in progress.</li><li>• <b>AHP:</b> Vacuum pump house building, Silos, Bottom ash hopper, Buffer hopper, ASPH etc. area civil works are nearing completion and erection work started and is in progress.</li><li>• <b>RWR:</b> Trimming of slopes of reservoir bund is in progress. In the raw water pump house RCC structure completed and brick work is in progress.</li><li>• <b>PTP:</b> 90% of clarifier works completed. Filter water reservoir works in progress.</li><li>• <b>DM Plant:</b> Roof slab work up to 183.10 ml completed. Vessels foundations ready. Vessels material available at site. Some vessels are placed in position.</li><li>• <b>CWS:</b> raft work in CW pump house completed. All walls raised up to pump floor. PCC works of fore bay in progress. CW pipe line fabrication is almost complete.</li><li>• <b>NDCT (M/s Gammon):</b> Shell erection 32 lifts completed &amp;33rd in progress.</li><li>• <b>FO System:</b> M/s Xicon is executing these works Civil work almost completed. Tanks fabrication &amp; erection in progress. Fuel oil transfer pump tank HFO and LDO day tank slab completed &amp; handed over for erection work.</li><li>• <b>Switchyard:</b> Foundations of all equipment were completed and handed over for erection of equipment's.</li></ul> |
| Original Estd. Cost               |                                                        | :Rs.                                                                                                                                                                                                                                                                                                                                                                                                   | 302886 Lakh                                                                                                                                                                                                               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Latest Est. Cost                  |                                                        | :Rs.                                                                                                                                                                                                                                                                                                                                                                                                   | 378186 Lakh                                                                                                                                                                                                               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Expenditure during 2009-10        |                                                        | : Rs.                                                                                                                                                                                                                                                                                                                                                                                                  | 555.00 lakh                                                                                                                                                                                                               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Expenditure during 2010-11        |                                                        | : Rs.                                                                                                                                                                                                                                                                                                                                                                                                  | 25833.00 lakh                                                                                                                                                                                                             |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Expenditure during 2011-12        |                                                        | : Rs.                                                                                                                                                                                                                                                                                                                                                                                                  | 8155.00 lakh                                                                                                                                                                                                              |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Expenditure during 2012-13        |                                                        | : Rs.                                                                                                                                                                                                                                                                                                                                                                                                  | 29331.00 lakh                                                                                                                                                                                                             |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Expenditure during 2013-14        |                                                        | : Rs.                                                                                                                                                                                                                                                                                                                                                                                                  | 80045.00 lakh                                                                                                                                                                                                             |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Expenditure during 2014-15        |                                                        | : Rs.                                                                                                                                                                                                                                                                                                                                                                                                  | 52429.00 lakh                                                                                                                                                                                                             |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Expenditure during 2015-16        |                                                        | : Rs.                                                                                                                                                                                                                                                                                                                                                                                                  | 62341.00 lakh                                                                                                                                                                                                             |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Expenditure during 2016-17        |                                                        | : Rs.                                                                                                                                                                                                                                                                                                                                                                                                  | 72037.00 lakh                                                                                                                                                                                                             |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Total Expenditure (up to 12/2016) |                                                        | : Rs.                                                                                                                                                                                                                                                                                                                                                                                                  | 3306.37 Crores                                                                                                                                                                                                            |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Zero date                         |                                                        | :                                                                                                                                                                                                                                                                                                                                                                                                      | 10/02/2011.                                                                                                                                                                                                               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Financial closure                 |                                                        | :                                                                                                                                                                                                                                                                                                                                                                                                      | Achieved on 19/03/10                                                                                                                                                                                                      |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Type of Fuel                      |                                                        | :                                                                                                                                                                                                                                                                                                                                                                                                      | Coal                                                                                                                                                                                                                      |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Main Plant Order                  |                                                        | :                                                                                                                                                                                                                                                                                                                                                                                                      | Placed on M/s BHEL for BTG on 18/11/10.                                                                                                                                                                                   |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| BOP Package                       |                                                        | :                                                                                                                                                                                                                                                                                                                                                                                                      | Purchase order placed on the consortium led by M/s Tecpro Systems Ltd, including civil works on EPC basis on 15/12/10. Now it is led by VA Tech.                                                                          |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                   |                                                        | :                                                                                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"><li>• MOEF clearance obtained on 21/10/2010.</li><li>• PFC Sanctioned a loan of Rs. 2423 crores.</li><li>• M/s Desein Pvt. Ltd is providing engineering consultancy services.</li></ul> |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Critical issues                   |                                                        | <ol style="list-style-type: none"><li>1. Delay in handover of various civil fronts and inputs by BOP contractor to BTG contractor (BHEL).</li><li>2. Slow progress of Civil works and BOP works by the consortium led by Techpro systems Ltd. Now the consortium leader is changed to VA Tech and APGENCO is making direct payments to consortium partners.</li></ol>                                  |                                                                                                                                                                                                                           |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Reasons for Delay                 |                                                        | <ol style="list-style-type: none"><li>1. Boiler erection start was delayed by 13 months due to initial land acquisition and civil works problems. Mill, ID, FD &amp; PA fan foundation work delayed.</li><li>2. Slow progress of Civil works and BOP works by the consortium led by VA Tech, Techpro and Gammon.</li><li>3. Delay in award of CHP&amp; AHP by the consortium leader VA Tech.</li></ol> |                                                                                                                                                                                                                           |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| Sl. No.           | Project Details                                                      | Unit No.                                                                                             | Capacity (MW)                                                                            | Commissioning Schedule |       |                        |          | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|-------------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------|-------|------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                                                      |                                                                                                      |                                                                                          | Original               |       | Actual(A)/ As Expected |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   |                                                                      |                                                                                                      |                                                                                          | Syn. Comm              | COD   | Syn. Comm              | COD      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| State Sector      |                                                                      |                                                                                                      |                                                                                          |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| 2                 | Sri Damodaram Sanjeevaiah TPP (Krishnapatnam) (APPDCL) Distt.Nellore | 1                                                                                                    | 800                                                                                      | 05/12<br>07/12         | 08/12 | 03/14<br>08/14         | 05/02/15 | <u>Unit-1</u> <ul style="list-style-type: none"><li>• <b>Boiler:</b> Erection commenced on 20/02/11. HT conducted in 24/03/13 &amp; non-drainable HT on 24/03/14. BLU done on 13/08/13. EDTA cleaning completed on 09/09/13. SBO started on 17/02/14 &amp; completed 13/03/14. Coal firing done on 17/04/14.</li><li>• <b>TG:</b> Condenser erection started 04/02/12. TG erection started on 10/01/12. Boxed up in 09/13. <b>Unit synchronized on 31/03/2014 on oil. Achieved full load on 28/08/2014.</b></li><li>• <b>COD declared w.e.f 05/02/2015.</b></li></ul> <u>Unit-2</u> <ul style="list-style-type: none"><li>• Boiler: Erection commenced on 24/04/11. HT (drainable) completed in 17/12/2013. BLU completed on 22/06/2014. EDTA cleaning started on 27/06/2014 &amp; completed on 03/07/14. SBO started on 13/09/2014 &amp; completed on 20/11/2014.</li><li>• TG: Condenser erection started 04/07/12. TG erection started on 28/07/12. TG boxed-up in 11/13.</li><li>• <b>Unit synchronized on 16/12/2014 and achieved full load 17/03/2015.</b></li><li>• <b>COD declared w.e.f. 23/08/2015.</b></li></ul> |  |
|                   |                                                                      | 2                                                                                                    | 800                                                                                      | 11/12<br>01/13         | 02/13 | 12/14<br>03/15         | 23/08/15 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Original Estd. Cost                                                  |                                                                                                      | :Rs 843200 lakh                                                                          |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Latest Est. Cost                                                     |                                                                                                      |                                                                                          |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Expenditure during 2006-07                                           |                                                                                                      | :Rs. 432 lakh                                                                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Expenditure during 2007-08                                           |                                                                                                      | :Rs. 449 lakh                                                                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Expenditure during 2008-09                                           |                                                                                                      | :Rs. 89960 lakh                                                                          |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Expenditure during 2009-10                                           |                                                                                                      | :Rs. 54785 lakh                                                                          |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Expenditure during 2010-11                                           |                                                                                                      | :Rs. 167208 lakh                                                                         |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Expenditure during 2011-12                                           |                                                                                                      | :Rs. 285441 lakh                                                                         |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Expenditure during 2012-13                                           |                                                                                                      | :Rs. 166940 lakh                                                                         |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Expenditure during 2013-14                                           |                                                                                                      | :Rs. 140394 lakh                                                                         |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Expenditure during 2014-15                                           |                                                                                                      | :Rs. 189744 lakh                                                                         |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Expenditure during 2015-16                                           |                                                                                                      | :Rs. 74525 lakh                                                                          |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Total Expenditure(up to 08/15)                                       |                                                                                                      | :Rs 11810.51 Crore                                                                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Approval date                                                        |                                                                                                      | : 28/01/2006                                                                             |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Zero date                                                            |                                                                                                      | : 29/08/08 BHEL- Steam Gen<br>: 23/09/08 L&T - STG<br>: 27/02/09 Tata Pro Ltd - BOPs     |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Financial closure                                                    |                                                                                                      | : Financial Tie-up is made with PFC on 26/12/07, KFW Germany on 11/12/08 and local banks |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Main Plant Order                                                     |                                                                                                      | : SG on BHEL on 25/07/08<br>: STG on L&T on 26/06/08                                     |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | BOP Package                                                          |                                                                                                      | : BOPs on Tata's on 10/02/09                                                             |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Type of fuel                                                         |                                                                                                      | Coal – FSA signed on 20/12/06 for 5 million Ton per Annum with MCL (70:30::Ind: Imp)     |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | PPA                                                                  |                                                                                                      | :Entered with DISCOMs of 22/11/2010                                                      |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                   | Power Evacuation system                                              |                                                                                                      | :Consent of APTRANCO on 01/03/2007                                                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Critical issues   |                                                                      |                                                                                                      |                                                                                          |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Reasons for Delay |                                                                      | Readiness of external CHP(~ 4km length) by M/s Indwell, Cooling Towers, Sea water intake system etc. |                                                                                          |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |

| Sl. No.           | Project Details                                                            | Unit No.                                       | Capacity (MW) | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                  |
|-------------------|----------------------------------------------------------------------------|------------------------------------------------|---------------|------------------------|-------|------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------|
|                   |                                                                            |                                                |               | Original               |       | Actual(A)/ As Expected |       |                                                                                                                               |
|                   |                                                                            |                                                |               | Syn. Comm              | COD   | Syn. Comm              | COD   |                                                                                                                               |
| State Sector      |                                                                            |                                                |               |                        |       |                        |       |                                                                                                                               |
| 3                 | Sri Damodaram Sanjeevaiah TPP St-II (Krishnapatnam) (APPDCL) Distt.Nellore | 1                                              | 800           | 02/19<br>03/19         | 04/19 | 02/19<br>03/19         | 04/19 | <ul style="list-style-type: none"><li>• All statutory inputs are available.</li><li>• Boiler erection yet to start.</li></ul> |
|                   | Original Estd. Cost                                                        | Rs. 4276.04 Crs.                               |               |                        |       |                        |       |                                                                                                                               |
|                   | Latest Estd. Cost                                                          | Rs. 4276.04 Crs.                               |               |                        |       |                        |       |                                                                                                                               |
|                   | Expenditure during 2015-16                                                 | Rs. 199.20 Crs.                                |               |                        |       |                        |       |                                                                                                                               |
|                   | Total Expenditure                                                          | Rs. 199.20 Crs.                                |               |                        |       |                        |       |                                                                                                                               |
|                   | Approval date:                                                             |                                                |               |                        |       |                        |       |                                                                                                                               |
|                   | Zero date:                                                                 |                                                |               |                        |       |                        |       |                                                                                                                               |
|                   | Financial closure                                                          |                                                |               |                        |       |                        |       |                                                                                                                               |
|                   | Main Plant Order                                                           | BTG order placed on BHEL on 02.11.15.          |               |                        |       |                        |       |                                                                                                                               |
|                   | BOP Package                                                                | Tendering for BOP packages are under progress. |               |                        |       |                        |       |                                                                                                                               |
|                   | Type of fuel                                                               |                                                |               |                        |       |                        |       |                                                                                                                               |
|                   | Power Evacuation system                                                    |                                                |               |                        |       |                        |       |                                                                                                                               |
|                   |                                                                            |                                                |               |                        |       |                        |       |                                                                                                                               |
| Critical issues   |                                                                            |                                                |               |                        |       |                        |       |                                                                                                                               |
| Reasons for Delay |                                                                            |                                                |               |                        |       |                        |       |                                                                                                                               |

| Sl. No.           | Project Details                                            | Unit No.                                       | Capacity (MW) | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                  |
|-------------------|------------------------------------------------------------|------------------------------------------------|---------------|------------------------|-------|------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------|
|                   |                                                            |                                                |               | Original               |       | Actual(A)/ As Expected |       |                                                                                                                               |
|                   |                                                            |                                                |               | Syn. Comm              | COD   | Syn. Comm              | COD   |                                                                                                                               |
| State Sector      |                                                            |                                                |               |                        |       |                        |       |                                                                                                                               |
| 4                 | Dr. Narla Tata Rao TPP<br>APGENCO<br>Distt. Vijayawada, AP | 1                                              | 800           | 05/19<br>06/19         | 07/19 | 05/19<br>06/19         | 07/19 | <ul style="list-style-type: none"><li>• All statutory inputs are available.</li><li>• Boiler erection yet to start.</li></ul> |
|                   | Original Estd. Cost                                        | Rs. 5286.54 Crs.                               |               |                        |       |                        |       |                                                                                                                               |
|                   | Latest Est. Cost                                           | Rs. 5286.54 Crs.                               |               |                        |       |                        |       |                                                                                                                               |
|                   | Expenditure during 2015-16                                 | Rs. 207 Crs                                    |               |                        |       |                        |       |                                                                                                                               |
|                   | Total Expenditure                                          | Rs. 207 Crs.                                   |               |                        |       |                        |       |                                                                                                                               |
|                   | Approval date:                                             |                                                |               |                        |       |                        |       |                                                                                                                               |
|                   | Zero date:                                                 |                                                |               |                        |       |                        |       |                                                                                                                               |
|                   | Financial closure                                          |                                                |               |                        |       |                        |       |                                                                                                                               |
|                   | Main Plant Order                                           | BTG order placed on BHEL on 28.10.15.          |               |                        |       |                        |       |                                                                                                                               |
|                   | BOP Package                                                | Tendering for BOP packages are under progress. |               |                        |       |                        |       |                                                                                                                               |
|                   | Type of fuel                                               | Coal                                           |               |                        |       |                        |       |                                                                                                                               |
|                   | PPA                                                        |                                                |               |                        |       |                        |       |                                                                                                                               |
|                   | Power Evacuation system                                    |                                                |               |                        |       |                        |       |                                                                                                                               |
|                   |                                                            |                                                |               |                        |       |                        |       |                                                                                                                               |
| Critical issues   |                                                            |                                                |               |                        |       |                        |       |                                                                                                                               |
| Reasons for Delay |                                                            |                                                |               |                        |       |                        |       |                                                                                                                               |

| Sl. No.                        | Project Details                                                   | Unit No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Capacity (MW) | Commissioning Schedule |       |                        |          | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|--------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                |                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               | Original               |       | Actual(A)/ As Expected |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                |                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               | Syn. Comm              | COD   | Syn. Comm              | COD      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Private Sector                 |                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| 5                              | Vizag TPP (HNPC Ltd), Palavalasa village<br>Distt. Vishakhapatnam | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 520           | 05/13<br>06/13         | 06/13 | 06/12/15<br>27/12/15   | 10/01/16 | <b>Unit-1:</b><br><ul style="list-style-type: none"><li><b>Boiler:</b> erection started on 30/05/11. Drum lifted on 10/01/12. HT conducted on 28/12/12. BLU achieved on 22/03/14. EDTA works started on 11/08/2014 and completed on 14/08/2014. SBO started on 24/09/14 &amp; works are affected due to Hudhud cyclone. SBO restarted on 06/03/2015 and completed on 20/03/2015 and Normalization works completed on 10/04/2015. Synchronized on 6/12/15 &amp; loaded to 350 MW.</li><li><b>TG:</b> Erection of condenser started on 03/03/12, that of TG on 25/07/12. Boxed Up on 21/09/13. TG oil flushing completed on 21/04/15. TG put on barring gear from 05/08/14.</li><li><b>Re - synchronized and achieved Full load on 27/12/15. COD declared w.e.f 10/01/16.</b></li></ul> <b>Unit-2:</b><br><ul style="list-style-type: none"><li><b>Boiler:</b> erection started on 29/09/11.</li><li><b>Drum:</b> lifted on 18/04/12. HT conducted on 28/03/13. BLU: completed on 30/07/14, EDTA started on 18/04/2015 and completed on 27/04/2015. SBO started on 5/10/15 completed on 12/10/15. BLU done for steam dumping on 18/03/16.</li><li><b>TG:</b> Erection of condenser started on 23/11/12 and that of TG on 04/03/13. TG oil flushing completed in 08/14. TG box up completed in 15/04/14. TG put on barring gear on 30/05/15.</li><li><b>Synchronized and achieved Full load on 31/03/16.</b></li></ul> |  |
|                                |                                                                   | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 520           | 08/13<br>09/13         | 09/13 | 31/03/16<br>31/03/16   |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Original Estd. Cost            |                                                                   | : Rs 554500.00 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Latest Est. Cost               |                                                                   | : Rs 554500.00 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure up to 03/2007      |                                                                   | :Rs. 1494.00 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2007-08     |                                                                   | ;Rs. 154.65 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2008-09     |                                                                   | :Rs. 4682.35 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2009-10     |                                                                   | :Rs. 21672.00 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2010-11     |                                                                   | :Rs. 49765.00 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2011-12     |                                                                   | :Rs. 106611.00 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2012-13     |                                                                   | :Rs. 171872.00 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2013-14     |                                                                   | :Rs. 175590.00 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2014-15     |                                                                   | :Rs. 102516.00 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Expenditure during 2015-16     |                                                                   | :Rs 95481.00 Lakh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Total Expenditure(till 02 /16) |                                                                   | : Rs 7298.38 Crores                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Approval date:                 |                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Zero date:                     |                                                                   | :30/06/2010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Financial closure              |                                                                   | : Achieved on 29th June'10 with a consortium of 15 Banks led by SBI (75:25:: Debt: Equity)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Main Plant Order               |                                                                   | EPC contract placed on BHEL on 30/03/10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| BOP Package                    |                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Type of fuel                   |                                                                   | Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| PPA                            |                                                                   | 100% power to be sold to APGENCO. Agreement signed with APDISCOMS on 17/05/13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Power Evacuation system        |                                                                   | 400 kV Project – Kalpakka D/C line is ready for startup and evacuation of power<br>Applied to PGCIL on 30/07/10 PGCIL to develop ATS.<br>LTOA application submitted to APTRANSCO on 21/10/2011.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                |                                                                   | <ul style="list-style-type: none"><li><b>Land:</b> 1122.38+300 acres of land acquired and is in possession.</li><li><b>Coal Linkage:</b> LOA issued by MCL for supply of 100% coal normative quantity to HNPCL for 2x520 MW TPP. <b>FSA:</b> Signed on 26/08/2013</li><li><b>MOEF:</b> clearance obtained on 03/09/1996 and revalidated later on 04/03/2009.</li><li><b>Water:</b> obtained allocation from APIICL for 7 cusecs of sweet water and permission from IID to draw 1.8 lacs m3/hr. of sea water for once through cooling system.</li><li><b>SPCB:</b> clearance obtained from APPCB.</li><li><b>Civil Aviation:</b> NOC obtained from AAI.</li><li><b>Mega Power Project Status:</b> Provisional Mega Power Project Status is available.</li></ul> |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Critical issues                |                                                                   | <ul style="list-style-type: none"><li>Readiness of Permanent Railway line.</li><li>Permanent transmission facilities for power evacuation by APTRANSCO.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Reasons for Delay              |                                                                   | <ul style="list-style-type: none"><li>Readiness of transmission line for back charging, intake and outfall system, CHP &amp; Hudhud cyclone</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |

## BROAD STATUS OF THERMAL POWER PROJECTS IN ANDHRA PRADESH

| Sl. No.           | Project Details                                                          | Unit No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Capacity (MW)                                                    | Commissioning Schedule |       |                            |                 | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|-------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------|-------|----------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                  | Original               |       | Actual(A)/ As Expected     |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   |                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                  | Syn. Comm              | COD   | Syn. Comm                  | COD             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Private Sector    |                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                  |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| 6                 | SGPL Power Project (2x660 MW)<br>Distt. Nellore, AP<br>(M/s SGP Limited) | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 660                                                              | 02/15<br>03/15         | 03/15 | 26/05/16(A)<br>12/11/16(A) | 17/11/16<br>(A) | <b>Unit-1</b><br>• <b>Boiler:</b> Erection started on 10/05/13. HT done on 29/07/15. BLU done on 25/02/16. SBO completed on 05/04/16. PA, FD, ID fans load trails completed. Coal mills erected & lube oil flushing completed. Coal piping erection completed.<br>• <b>ESP:</b> completed in all respect.<br>• <b>STG:</b> TG deck casting completed on 21/02/2014. TG erection started in 07/14. TG boxed-up in 02/16 & put on barring gear on 10/03/16. Unit synchronized on 26/05/16. Coal firing started on 23/06/16. <b>Unit commissioned on 12/11/2016 and COD declared w.e.f. 17/11/16.</b><br><b>Unit-2</b><br>• <b>Boiler:</b> Boiler erection started on 27/11/13. 7711/8348 MT pressure parts erection completed. Nearly 51509/52890 joints completed. HT done on 30/01/16. BLU done in 18/11/16. SBO completed. Coal mills erection completed. Coal piping and feeder work in progress.<br>• <b>ESP:</b> Erection completed, insulation/ cladding work completed for pass A and for pass B it is in progress.<br>• <b>STG:</b> TG erection started on 15/12/2014. Tube insertion in condenser completed. LP1, LP2 & HIP boxed up. 1 <sup>st</sup> stage oil flushing completed. TG boxed up in 08/16 and put on barring gear in 12/16.<br><b>BoP's</b><br>• <b>Chimney:</b> Shell concreting is completed. Flue can erection was completed. Elevator erection work and painting work completed.<br>• <b>CHP:</b> order placed on M/s Thyssen Krupp Industries India on 30/03/13. Crusher house erection completed. Erection of SR-1 completed and SR-2 & SR-3 equipment erection is in progress. 30:70 Import: Domestic coal. 7.5 Km piped conveyor for transportation of coal from Krishnapatnam port to site. Integrated trail run of ECHP and ICHP completed and the system is in operation. U-2 tripper floor works is in progress. First shipment of coal (2,30,000 MT) successfully conveyed via ECHP from KP port to plant coal yard 1 (7.5 km). Coal linkage is from MCL. FSA is to be finalized.<br>• <b>AHP:</b> Order placed on BSBK Engineers Pvt. Ltd. on 05/02/13. U1 all mechanical, electrical and C&I work completed and for U2 erecting BAH & conveyor structure work are in progress. Ash pond lining work is in progress.<br>• <b>PT &amp; DM Plant:</b> Order placed on VA Tech WABAG on 21/01/13. All works completed and system is in operation.<br>• <b>CWS:</b> Order placed on M/s Jyoti Pumps Ltd on 07/11/12. CW pump house structural fabrication completed. Intake (dia 1.6m, 1.15 km) and outfall pipeline (dia 1.6m, 1.6 km) laying completed in offshore & onshore area. CW channel & fore bay completed & is in operation. CW pump 1 & 2 are in operation, CW pumps 3 & 4 erection completed.<br>• <b>NDCT:</b> All the work in NDCT-1 completed and is in operation. In NDCT-2 fills distribution piping etc. erection completed and ready for charging.<br>• <b>FOS:</b> LOA issued to United System & Project Limited on 11/06/13. LDO/HFO tanks erection completed. FOS complete in all respect from 31/01/16 and system is in operation.<br>• <b>FD&amp;PS:</b> LOA issued to Agnese Fire Protection Limited on 11/07/13. U-1 & U-2 system is in operation & for U-2 coal yard area work is in progress.<br>• <b>Switchyard:</b> LOA issued to M/s. ABB Ltd. on 12/02/2013 for supply and erection of 400 kV GIS. GIS back charging completed on 07/10/15 and charged with permanent line on 20/03/16. |  |
|                   |                                                                          | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 660                                                              | 05/15<br>06/15         | 06/15 | 02/17<br>02/17             | 03/17           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   | Original Estd. Cost                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | : Rs 704600.00 Lakhs                                             |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   | Latest Est. Cost                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | : Rs 975500.00 Lakhs                                             |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   | Expenditure during 2011-12                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | : Rs. 126225.00 Lakhs                                            |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   | Expenditure during 2012-13                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | : Rs. 52599.00 Lakhs                                             |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   | Expenditure during 2013-14                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | : Rs. 138230.00 Lakhs                                            |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   | Expenditure during 2014-15                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | : Rs. 318102.00 Lakhs                                            |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   | Expenditure during 2015-16                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | : Rs. 170000.00 Lakhs                                            |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   | Expenditure During 2016-17                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | : Rs. 91100.00 Lakhs                                             |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   | Total Expenditure (up to 10/16)                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | : Rs 903700.00 Lakhs                                             |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   | Approval date                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                  |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   | Zero date                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | : 10/02/2012                                                     |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   | Financial closure                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | : Achieved on 04/06/2011                                         |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   | Main Plant Order                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | : 10/02/2012                                                     |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   | BOP Package                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                  |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   | Type of fuel                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Coal                                                             |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   | PPA                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | : NCC submitted bid for UP case-1 on 24/09/2012 for 200 MW power |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   | Power Evacuation system                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | : LTOA approved and connectivity agreement signed with PGCIL     |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                   |                                                                          | <ul style="list-style-type: none"><li>• <b>Land:</b> 100% land is under physical possession.</li><li>• <b>MOE&amp;F:</b> clearance issued on 18/05/2011(Amended clearance).</li><li>• <b>SPCBC:</b> clearance obtained on 16/06/2011.</li><li>• <b>Civil Aviation:</b> AAI issued NOC on 02/06/2011.</li><li>• <b>Water:</b> Permission obtained from GoAP for drawl of 325000 m<sup>3</sup> per day (132.8 cusec) of sea water.</li><li>• <b>Award of contract:</b> BTG order placed on Harbin Boiler, Harbin Turbine and Harbin Electric Companies for boiler, turbine and generator respectively.</li><li>• <b>Coal Linkage:</b> LOA issued by CIL for Coal on 01/12/11 from MCL instead of SECL. FSA is to be finalized. (Imported coal 30%: Domestic coal 70%).</li><li>• <b>BPTA:</b> Agreement signed with PGCIL.</li><li>• <b>Financial Details:</b><br/>REC - Rs. 2915 Crs<br/>PFC - Rs. 2848 Crs.<br/>ICICI - Rs. 1040 Crs.<br/>PTC - Rs. 199 Crs.</li></ul> |                                                                  |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Critical issues   |                                                                          | Signing of PPA, Availability of evacuation line etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                  |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Reasons for Delay |                                                                          | Readiness of NDCT's & AHP etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                  |                        |       |                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |

| Sl. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Project Details                                                                                 | Unit No.                                | Capacity (MW) | Commissioning Schedule |       |                        |          | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------|---------------|------------------------|-------|------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                 |                                         |               | Original               |       | Actual(A)/ As Expected |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                 |                                         |               | Syn. Comm              | COD   | Syn. Comm              | COD      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Private Sector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                 |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Pynampuram TPP (2x660 MW)<br>District. Nellore, AP<br>(M/s. Thermal Powertech Corporation Ltd.) | 1                                       | 660           | 02/14<br>05/14         | 08/14 | 22/12/14<br>07/02/15   | 02/03/15 | <b>Unit-1</b> <ul style="list-style-type: none"><li><b>Boiler:</b> Boiler erection started on 19/01/2012. HT (Drainable) conducted on 29/10/2013. Non-drainable HT completed on 20/04/2014. BLU completed on 25/09/2014. SBO started on 30/10/2014 &amp; completed on 04/11/2014.</li><li><b>TG:</b> Condenser erection started on 10/05/2013. TG erection started on 10/06/2013. TG box-up completed on 11/08/2014. TG on barring gear from 18/10/2014. <b>Unit synchronized on 22/12/2014. Unit achieved full load on 07/02/2015. COD declared w.e.f 02/03/2015.</b></li></ul> <b>Unit-2</b> <ul style="list-style-type: none"><li><b>Boiler:</b> Boiler erection started on 24/05/2012. HT Non-drainable hydro test completed in 09/07/14. Cold flushing completed on 19/06/2015. BLU done in 25/06/2015. SBO completed on 29/06/2015. Synchronized on 11/08/15.</li><li><b>TG:</b> Condenser erection started on 12/07/13. TG erection started on 01/11/13. TG boxed-up on 05/04/2015. TG oil flushing completed and put on barring gear from 11/06/2015. <b>Unit synchronized on 11/08/2015 &amp; Full load achieved on 03/09/15. COD declared w.e.f. 15/09/2015.</b></li></ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                 | 2                                       | 660           | 05/14<br>08/14         | 11/14 | 11/08/15<br>03/09/15   | 15/09/15 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                 | Original Estd. Cost : Rs 686900.00 Lakh |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Latest Est. Cost : Rs 686900.00 Lakh                                                            |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Expenditure during 2009-10 : Rs 2409.00 Lakh                                                    |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Expenditure during 2010-11 :Rs. 45929.00 Lakh                                                   |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Expenditure during 2011-12 :Rs. 50374.00 Lakh                                                   |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Expenditure during 2012-13 :Rs. 346848.00 Lakh                                                  |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Expenditure during 2013-14 :Rs. 253988.00 Lakh                                                  |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Expenditure during 2014-15 :Rs. 161247.00 Lakh                                                  |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Expenditure during 2015-16 :Rs. 59908.00 Lakh                                                   |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Total Expenditure(up to 08/15) :Rs 9207.03 Crores                                               |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Approval date:                                                                                  |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Zero date: : Unit-1 -15/02/2011                                                                 |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : Unit-2 -15/05/2011                                                                            |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Financial closure : Achieved on 13/09/2010                                                      |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Main Plant Order : Order placed for BTG on 20/09/2010 on Dongfang Electric corporation, China. NTP issued on 15/02/2011. BTG Erection order : Placed on BGERs on 22/10/2010.                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                 |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| BOP Package : Order placed on 23/02/11 (NTP issue date)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                 |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Type of fuel : Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                 |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| PPA : Long term PPA signed on 01/04/13 for 500 MW for 25 years with AP Discoms.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                 |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Power Evacuation system : LTOA and power transmission agreement signed with PGCIL on 24/12/2010 for the following:<br>a) 400 kV Project to Nellore pooling station D/C line (Quad) – Charged on 30/08/2013<br>b) 765 kV Nellore – Kurnool<br>c) 400 kV bays at Nellore pooling station                                                                                                                                                                                                                                                                               |                                                                                                 |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <ul style="list-style-type: none"><li>Land: acquired 1408.70 Acres.</li><li>MOE&amp;F: clearance issued on 04/11/2009.</li><li>Civil Aviation: AAI issued NOC on 21/12/2009.</li><li>SPCBC: clearance obtained on 15/05/2010.</li><li>Water: Allocation &amp; permission for use of 14000 m³/hr. sea water issued on 15-06-2011 by Director of Port AP.</li><li>Coal Linkage: FSA signed with PT Bayan Resources Tbk on 23/02/2012 for 1 MTPA imported coal.<br/>FSA for 30% domestic coal signed with MCL on 22/06/13.</li><li>BPTA signed on 20/10/2010.</li></ul> |                                                                                                 |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Critical issues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                 |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Reasons for Delay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                 |                                         |               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## BROAD STATUS OF THERMAL POWER PROJECTS IN ANDHRA PRADESH

| Sl. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Project Details                                                                                   | Unit No.                                                                                                                                                                                   | Capacity (MW)                                                                                                                                   | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                   |                                                                                                                                                                                            |                                                                                                                                                 | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                   |                                                                                                                                                                                            |                                                                                                                                                 | Syn. Comm              | COD   | Syn. Comm              | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Private Sector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                   |                                                                                                                                                                                            |                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Thamminapatnam TPP Ph-II (M/s Meenakshi Energy Pvt.Ltd.), Thamminapatnam Distt.: SPSR Nellore, AP | 3                                                                                                                                                                                          | 350                                                                                                                                             | 01/12                  | 06/12 | 11/17                  | 12/17 | <b>Unit-3:</b> <ul style="list-style-type: none"><li><b>Boiler:</b> erection started on 16/11/11. Drum lifted in 16/05/14. Hangers &amp; Headers erection almost completed. Panel and coil erection in progress. Roof, LHS, RHS, Burner Panel erection completed. Rear nose panel erection in progress. Final SH and HTRH coils erection completed. Primary SH coil erection in progress. Both side PA &amp; FD fan erection in progress. HT done on 31/10/15. BLU expected in 08/17.</li><li><b>ESP:</b> Ash hopper &amp; mini ash hopper erection completed in all passes. Cable tray erection in progress.</li><li><b>TG:</b> Condenser erection started in 15/03/15 &amp; TG erection started in 04/07/15. LP &amp; HIP turbine initial box up is in progress. Final box up expected by 02/17. Condenser front and rear water box erection completed.</li><li><b>Unit-4: Boiler:</b> erection started in 22/09/14. Drum lifted on 31/07/15. Pile capping in mill area is in progress. HT done in 15/09/16. BLU expected in 11/17.</li><li><b>ESP:</b> Pass A, B, C casing panel erection completed &amp; collecting electrode frame erection is in progress.</li><li><b>TG:</b> Condenser erection started on 13/07/15. TG erection started on 29/10/15. All HP/LP heaters and vacuum pumps placed on foundation alignment work in progress. Final box up expected by 04/17. Condenser module 1-4 erection completed.</li><li><b>Chimney:</b> Shell concreting completed (270 m) Floor beams, Flue cans fabrication completed &amp; erection above compensator completed.</li><li><b>CHP:</b> Awarded to EDAC Engineering Ltd., Chennai on 18/06/10. Erection of Stacker Re-Claimer-I completed and that for II, 81% completed. Crusher house 2<sup>nd</sup> tier erection is in progress. Fabrication &amp; erection of TPs &amp; conveyer galleries are in progress. Crusher House column erection completed and other works are in progress.</li><li><b>AHP:</b> Awarded to EDAC Engineering Ltd., Chennai on 18/06/10. BAH-1&amp;2 civil work completed, fabrication work &amp; structural work is in progress. 26% ash silo civil work completed. 90% bund making work is completed. 50000 sq.m HDPE lining works completed. Ash dyke cut off trench excavation completed and micro grading of 70,000 sq.m completed.</li><li><b>IDCT:</b> Awarded to EDAC Engineering Ltd., Chennai on 18/06/10. IDCT-1 FRP Structural erection completed, wall cladding sheet, E-motor and gear box erection in progress. IDCT-2 hydraulic test completed. Sluice gate fixing in progress.</li><li><b>FPS:</b> ordering of main hydrant pumps completed. Pipe line supply in progress.</li><li><b>PTP:</b> Clariflocculator-1&amp;2 civil works (58%) completed. 1400 NB GRP inlet pipe erection inside the tank completed for 31 m. 250 NB sludge pit pipe erection completed inside of the tank for approximately 30 m. 100NB GRP pipe laying works completed.</li><li><b>DM Plant:</b> DM storage tank civil foundation completed. Tank shell erection in progress. RO building equipment erection progress.</li><li><b>CW System:</b> Detailed Engineering work in progress. CW, ACW, RW Pumps and Motors arrived and pump erection in progress.</li><li><b>FO System:</b> Shell erection of HFO-1 &amp; 2 tank is completed. Hydraulic test for LDO 1 &amp; 2 is completed. Painting work completed.</li><li><b>SW Yard:</b> Switch yard equipment erection and tower stringing work are in progress. Main transmission tower 1 &amp; 2 erection and stringing completed.</li></ul> |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                   | 4                                                                                                                                                                                          | 350                                                                                                                                             | 05/12                  | 09/12 | 12/17                  | 03/18 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Original Estd. Cost                                                                               |                                                                                                                                                                                            | :Rs                                                                                                                                             | 312000 Lakhs           |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Latest Est. Cost                                                                                  |                                                                                                                                                                                            | :Rs                                                                                                                                             | 500500 Lakhs           |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Expenditure during 2008-09                                                                        |                                                                                                                                                                                            | :Rs                                                                                                                                             | -NIL-                  |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Expenditure during 2009-10                                                                        |                                                                                                                                                                                            | :Rs                                                                                                                                             | 1157.00 Lakhs          |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Expenditure during 2010-11                                                                        |                                                                                                                                                                                            | :Rs                                                                                                                                             | 42362.00 Lakhs         |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Expenditure during 2011-12                                                                        |                                                                                                                                                                                            | :Rs                                                                                                                                             | 53379.46 Lakhs         |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Expenditure during 2012-13                                                                        |                                                                                                                                                                                            | :Rs                                                                                                                                             | 21802.67 Lakhs         |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Expenditure during 2013-14                                                                        |                                                                                                                                                                                            | :Rs                                                                                                                                             | 47833.82 Lakhs         |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Expenditure during 2014-15                                                                        |                                                                                                                                                                                            | :Rs                                                                                                                                             | 81656.43 Lakhs         |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Expenditure during 2015-16                                                                        |                                                                                                                                                                                            | :Rs.                                                                                                                                            | 98832.77 Lakhs         |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Expenditure during 2016-17                                                                        |                                                                                                                                                                                            | :Rs.                                                                                                                                            | 54724.13 Lakhs         |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Total Expenditure(up to 11/16)                                                                    |                                                                                                                                                                                            | : Rs                                                                                                                                            | 4984.55 Crores         |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Approval date:                                                                                    |                                                                                                                                                                                            |                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Zero date:                                                                                        |                                                                                                                                                                                            |                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Financial closure                                                                                 |                                                                                                                                                                                            | 01/10/2010<br>Loan agreement signed with REC, IBDI & other Banks, REC as lead lender                                                            |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Main Plant Order:                                                                                 |                                                                                                                                                                                            | 10/12/2009<br>Boiler –Cethar Vessels Ltd, Trichy, Tamil Nadu, India<br>TG – China National Automotive International Corporation, China (Harbin) |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | BOP Package                                                                                       |                                                                                                                                                                                            |                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Type of fuel                                                                                      |                                                                                                                                                                                            |                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PPA                                                                                               |                                                                                                                                                                                            | PPA signed with M/s PTC on 25/02/2010 for 600 MW.                                                                                               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Power Evacuation system                                                                           |                                                                                                                                                                                            | 400 KV MEPL – Manubolu (PGCIL) 27 km line is completed by M/s Sujana Towers Hyderabad and charged.                                              |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <ul style="list-style-type: none"><li>Land: 563.90 Acres of land acquired for entire 1000 MW.</li><li>MOE&amp;F: Clearance obtained on 03/06/2009 &amp; 19/10/09. Further extended up to 18/10/19 on 25/10/13.</li><li>SPCB: Clearance obtained in May, 2011 from APPCB.</li><li>Civil Aviation: NOC obtained on 28/02/11from AAI for 281 m height of chimney.</li><li>Water:100 Cusec/day sea water from Kandaleru Creek accorded by Principal Secretary (FAC), Infrastructure &amp; Investment (Ports-I), AP on 18/02/10.</li><li>Fuel Linkage: Coal linkage with MCL for 2.032 MTPA, ‘F’ Grade Coal on 11/06/2009. Coal linkage also with M/s Coal &amp; Oil Company LLC on 01/09/2009 for 1.8 MTPA (amended on 15/07/11 for 2.2 MTPA) coal of 4400 Cal/kg GCV. FSA: Signed for U-3 in 31/08/13.</li><li>BPTA: BPTA signed with PGCIL for 300 MW on 24/02/2010 and for additional BPTA signed for 1000 MW on 02/01/12</li><li>Mega Status: Achieved in 02/12</li></ul> |                                                                                                   |                                                                                                                                                                                            |                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Critical issues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                   |                                                                                                                                                                                            |                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Reasons for Delay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                   | Slow progress of Civil works. Due to financial problem, work at site remained closed for a long time. Change of stakeholders and subsequent change in the completion of various milestone. |                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |

## BROAD STATUS OF THERMAL POWER PROJECTS IN ANDHRA PRADESH

| BROAD STATUS OF POWER PROJECTS IN ANDHRA PRADESH |                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|--------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Sl. No.                                          | Project Details                                                                 | Unit No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Capacity (MW)                                                                                                                  | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|                                                  |                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  |                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                | Syn. Comm              | COD   | Syn. Comm              | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Private Sector                                   |                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| 9                                                | Bhavanapadu TPP Ph-I<br>(M/s East Coast Energy Pvt. Ltd.)<br>Distt.: Srikakulam | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 660                                                                                                                            | 08/13                  | 12/13 | 04/17                  | 07/17 | <b>Unit-1</b><br>• <b>Boiler:</b> Boiler erection is started on 27/03/2014. 5 <sup>th</sup> tier erection completed. Girders are to be placed which are available at site.<br>• <b>ESP:</b> Structures, hoppers erection is in progress.<br>• <b>TG:</b> Deck casting completed on 28/05/15. Power house erection (2 <sup>nd</sup> tier) is in progress. EOT crane to be erected<br><b>Unit-2</b><br>• <b>Boiler:</b> Boiler erection started in 02/15. 2 <sup>nd</sup> tier erection completed.<br>• <b>ESP:</b> Piling completed.<br>• <b>TG:</b> Raft casted on 29/05/15. TG columns scaffolding work is in progress. Condenser erection yet to start.<br><b>BoP's</b><br>• <b>Chimney:</b> Order placed on M/s. R S Pabla in Oct, 10. Shell casting completed. Flue can erection is in progress.<br>• <b>CHP:</b> Awarded to M/s BSBK. Piling completed. Dwall works in track hopper area completed.<br>• <b>AHP:</b> Order placement is in progress.<br>• <b>WTP:</b> Engineering is in progress.<br>• <b>DM Plant:</b> Engineering is in progress.<br>• <b>CW System:</b> Engineering is in progress.<br>• <b>NDCT:</b> Order placed on M/s Paharpur Cooling Towers.<br>• <b>FPS:</b> Engineering is in progress.<br>• <b>FOS:</b> Order placed on Delta P.D. Pumps on 14/05/12. Tank fabrication work completed.<br><b>Switchyard:</b> Engineering is in progress.<br><b>ATS:</b> Award of contract to be done by ECEPL.<br><br><b>• Presently work held up at site due to financial issues.</b><br><br><b>PPA details are as follows: Having PPA for 100 MW with Kerala. Having LOI for 300 MW but in dispute due to formation of Telangana. For 500 MW PPA with Andhra Pradesh, developer is L1.</b> |  |
|                                                  |                                                                                 | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 660                                                                                                                            | 10/13                  | 05/14 | 06/17                  | 12/17 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | Original Estd. Cost                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :Rs 657194.00 lakh (Equity:debt::25:75)                                                                                        |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | Latest Est. Cost                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :Rs 934315.00 lakh (09/07/14)                                                                                                  |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | Expenditure during 2007-08                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :Rs 1674.00 lakh                                                                                                               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | Expenditure during 2008-09                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :Rs 7018.00 lakh                                                                                                               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | Expenditure during 2009-10                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :Rs 27800.00 lakh                                                                                                              |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | Expenditure during 2010-11                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :Rs 72100.00 lakh                                                                                                              |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | Expenditure during 2011-12                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :Rs 22900.00 lakh                                                                                                              |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | Expenditure during 2012-13                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :Rs 29208.00 lakh                                                                                                              |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | Expenditure during 2013-14                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :Rs 76300.00 lakh                                                                                                              |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | Expenditure during 2014-15                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :Rs 82210.00 lakh                                                                                                              |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | Expenditure during 2015-16                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :Rs. 53006.00 lakh                                                                                                             |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | Total Expenditure (till 01/16)                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | :Rs 3785. 60 Crores                                                                                                            |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | Approval date:                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | Zero date:                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 15/09/2010                                                                                                                     |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | Financial closure                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Achieved on 08/09/2010. Lead Financier - PFC                                                                                   |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | Main Plant Order:                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Order placed on 03/09/2009 on DEC China (BTG)                                                                                  |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | BOP Package                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | EPC of BOP & Main plant Civil works contract awarded to consortium of M/s NEC and M/s Abir Infrastructure Pvt Ltd on 30/01/10. |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | Type of fuel                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | PPA                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Long term PPA signed with PTC India Ltd on 25/06/10 as an amendment of 06/05/09                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  | Power Evacuation system                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                  |                                                                                 | <ul style="list-style-type: none"><li>Land: Total land of (2050 + 36.94 Colony) Acres is acquired.</li><li>MoE&amp;F: Clearance obtained on 09/04/2009 &amp; revalidated on 20/08/14.</li><li>Water: Permission for drawl of 168 cusec sea water from Govt. of AP is obtained on 10/06/2008.</li><li>SPCB: clearance obtained from APPCB on 15/06/2009 revalidated on 30/12/14.</li><li>Civil Aviation: AAI clearance obtained vide Ir. Dt. 04/03/08 &amp; revalidated up to 3<sup>rd</sup> March 2020.</li><li>Coal Linkage / FSA: LOA received from MCL for 4.273 MTPA on 11/06/2009. FSA to be signed. FSA signed with Global Fuels pvt Ltd Singapore for balance quantity of coal on 23/04/09</li><li>BPTA: BPTA signed with PGCIL on 21/09/12.</li></ul> |                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Critical issues                                  |                                                                                 | Signing of FSA. SLC to decide.<br>Readiness of ATS from Plant to power grid pooling station at Palasa (42 km) by M/s East Coast.<br>Allotment of land for railway siding, sea water intake pipelines and pump house by Govt. of A.P.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Reasons for Delay                                |                                                                                 | Law & Order problem, Financial problem of the company, acquisition of balance land for sea water intake & railway siding.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |

## BROAD STATUS OF THERMAL POWER PROJECTS IN TELANGANA

| Sl. No.                  | Project Details                                  | Unit No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Capacity (MW)                                                                                                                                                                                                 | Commissioning Schedule |       |                        |          | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |
|--------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|                          |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                               | Original               |       | Actual(A)/ As Expected |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                               | Syn. Comm              | COD   | Syn. Comm              | COD      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
| State Sector             |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
| 10                       | Singareni TPP by M/s SCCL in Distt. Adilabad, AP | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 600                                                                                                                                                                                                           | 05/14<br>12/14         | 02/15 | 13/03/16<br>13/03/16   | 25/09/16 | <b>Unit-1</b> <ul style="list-style-type: none"><li><b>Boiler:</b> erection started on 14/02/13. Drum lifted on 12/09/13. HT done on 12/09/14. BLU done on 04/07/15. SBO completed on 05/01/16. Chemical cleaning completed.</li><li><b>ESP:</b> Pass A, B, C, D vacuum system commissioned up to buffer hoppers and have been charged from flue gas side and electrically.</li><li><b>TG:</b> Condenser erection started on 30/10/14. TG erection started in 27/10/14 and boxed up in 15/10/15. TG put on barring gear on 28/12/15. <b>Unit synchronized &amp; commissioned on 13/03/16. COD w. e. f 25/09/16.</b></li><li><b>Unit-2</b><ul style="list-style-type: none"><li><b>Boiler:</b> Boiler erection started on 29/05/13. Drum lifted on 14/12/13. HT done on 26/10/14. BLU done on 06/08/15. SBO &amp; Chemical cleaning completed on 26/03/16.</li><li><b>TG:</b> Condenser erection started on 14/08/14. TG erection started on 29/12/14 &amp; boxed up in 03/11/15. Oil flushing completed and TG put on barring gear on 30/04/16. <b>Unit synchronized on 01/06/2016. Commissioned on 25/11/16. COD declared w. e. f 03/12/16</b></li></ul></li></ul> <b>BoP's: -</b> <ul style="list-style-type: none"><li><b>Chimney:</b> Shell concreting completed. Flue cane erection completed and commissioned for both the units.</li><li><b>CHP:</b> Erection works of both the stream of conveyor structure and paddle feeder under track hopper is completed. Stacker/Reclaimer civil and erection works are in progress.</li><li><b>AHP:</b> Civil works for BA hoppers, Fly ash silo's, HCSD silo's, AWP, ASPH are completed and TAC, Hydro bins works are in progress. Structural erections of BA hoppers, ASPH, AWP are completed. Hydro bins, Silo's mixing tanks works are in progress. Pumps and motors erection in ASPH and motors erection in AWP, and HCSD PH is in progress. Ash Dyke work is in progress.</li><li><b>Raw water Supply System</b> There are two sources of raw water intake system. One is from Godavari river, 9 km from project site for 1 TMC. The intake point is at Shedpally in Godavari river and is completed in all respects including reservoir – 1. The second source is from Pranahita river for 2 TMC which is 43 km from site. The intake point is at Dewalwade village. In this source 23km pipeline laid and the rest is in progress including pump house and reservoir -2.</li><li><b>PT Plant:</b> Excavation &amp; other civil works in DM PT system are completed. Civil works of clarifiers, other CW PT system are in final stage.</li><li><b>DM Plant:</b> All the three streams of DM water commissioned.</li><li><b>CWS:</b> All the 5 Nos CW pumps and 4 nos motor s erected and 2nos pumps have been commissioned.</li><li><b>IDCT:</b> IDCT 1A,1B commissioned and in 2A, 05/11 cells and in 2B 08/11 cells are completed up to fan stack slabs. Erection works are in progress.</li><li><b>FOPH:</b> Excavation, PCC, Raft works completed. Structural fabrication &amp; erection works of LDO, HFO tanks completed. Fuel oil distribution system completed.</li><li><b>Switchyard:</b> Completed in all respects.</li></ul> |  |  |
|                          |                                                  | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 600                                                                                                                                                                                                           | 09/14<br>04/15         | 06/15 | 01/06/16<br>25/11/16   | 03/12/16 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | <b>Original Estd. Cost</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | :Rs 5044.801 crores                                                                                                                                                                                           |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | <b>Latest Est. Cost</b>                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : Rs. 7573.00 Crs.                                                                                                                                                                                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | Expenditure during 2008-09                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | :Rs 170 lakhs                                                                                                                                                                                                 |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | Expenditure during 2009-10                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | :Rs 4212 lakhs                                                                                                                                                                                                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | Expenditure during 2010-11                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | :Rs 1121 lakhs                                                                                                                                                                                                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | Expenditure during 2011-12                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | :Rs 38993 lakhs                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | Expenditure during 2012-13                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | :Rs 76148 lakhs                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | Expenditure during 2013-14                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | :Rs 183804 lakhs                                                                                                                                                                                              |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | Expenditure during 2014-15                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | :Rs 230752 lakhs                                                                                                                                                                                              |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | Expenditure during 2015-16                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | :Rs 164203 lakhs                                                                                                                                                                                              |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | Expenditure during 2015-16                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | :Rs 110800 lakhs                                                                                                                                                                                              |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | <b>Total Expenditure(up to 10/16)</b>            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | :Rs 780000 lakhs                                                                                                                                                                                              |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | <b>Approval date</b>                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | <b>Zero date</b>                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 11/11/2011                                                                                                                                                                                                    |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | <b>Financial closure</b>                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Achieved                                                                                                                                                                                                      |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | <b>Main Plant Order</b>                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 11/11/2011                                                                                                                                                                                                    |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | <b>BOP Package</b>                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BTG order placed BHEL<br><br>Order for BOP's placed on M/s Mc Nally Bharat<br><br>SCCL Scope of works:<br>Raw water reservoir works, Water supply scheme, Railway siding, Startup power and evacuation works. |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | <b>Type of fuel</b>                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : Coal                                                                                                                                                                                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | <b>PPA</b>                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : Signed with APDISCOMS for sale of 1050 MW of power after meeting the self-requirement of 150 MW.                                                                                                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          | <b>Power Evacuation system</b>                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | : 400 KV Quad DC line from Project site to Gajwel 400 KV station (length: 162.46 KM). This work is awarded by APTRANSCO.                                                                                      |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|                          |                                                  | <ul style="list-style-type: none"><li><b>Land:</b> 100% land is under physical possession.</li><li><b>MOE&amp;F:</b> clearance issued on 27/12/2010.</li><li><b>Civil Aviation:</b> AAI issued NOC on 25/08/2008.</li><li><b>Water:</b> GOAP accorded permission for 1 TMC from Godavari river and for 2 TMC of water from Pranahitha River on 19/07/2010.</li><li><b>Coal linkage:</b> Application for long-term coal linkage submitted to Ministry of Coal on 07/12/2013.</li><li><b>BPTA:</b> Zero date is 06/02/13</li></ul> |                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
| <b>Critical issues</b>   |                                                  | Readiness of Railway siding, CHP, AHP-fly ash handling system, HCSD silo, Pump house, Cooling Tower etc.                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
| <b>Reasons for Delay</b> |                                                  | Delay in award of BoP packages and subsequent delay in completion of this packages.                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |

| Sl. No.                                                                                                                                                                                                                                                                     | Project Details                                          | Unit No.                                                                                                                                                                                                                                                                               | Capacity (MW) | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                                                                                                                                                                                                                             |                                                          |                                                                                                                                                                                                                                                                                        |               | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                             |                                                          |                                                                                                                                                                                                                                                                                        |               | Syn. Comm              | COD   | Syn. Comm              | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| State Sector                                                                                                                                                                                                                                                                |                                                          |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| 11                                                                                                                                                                                                                                                                          | Kakatiya ST- II TPP (APGENCO)<br>Distt. Warangal         | 2                                                                                                                                                                                                                                                                                      | 500           | 05/12                  | 08/12 | 22/10/15               | 03/16 | <ul style="list-style-type: none"><li><b>Boiler:</b> Erection started on 05/05/11. Drum lifted on <b>07/04/12</b>. <b>HT</b> conducted on <b>24/06/2013</b> &amp; <b>BLU</b> done on 31/ 05/15. <b>SBO</b> completed on <b>30/08/15</b>.</li><li><b>TG:</b> Condenser erection started in 02/13 and TG erection started in 05/13 &amp; boxed up on 30/04/15. MDBFP. TDBFP completed. CEP completed. Synchronized on 22/10/15. <b>Unit commissioned on 31/12/15. COD declared in 03/16.</b></li></ul> |  |
|                                                                                                                                                                                                                                                                             | 07/12                                                    |                                                                                                                                                                                                                                                                                        |               | 31/12/15               |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                             | Original Estd. Cost : Rs. 296864 lakhs                   |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                             | Latest Est. Cost : Rs. 365251 lakhs                      |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                             | Expenditure during 2003-09 : Rs. 11780 lakhs             |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                             | Expenditure during 2009-10 : Rs. 16840 lakhs             |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                             | Expenditure during 2010-11 : Rs. 26225 lakhs             |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                             | Expenditure during 2011-12 : Rs. 52937 lakhs             |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                             | Expenditure during 2012-13 : Rs. 52034 lakhs             |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                             | Expenditure during 2013-14 : Rs. 63313 lakhs             |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                             | Expenditure during 2014-15 : Rs. 59255 lakhs             |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                             | Expenditure during 2015-16 : Rs. 40041 lakhs             |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                             | <b>Total Expenditure</b> (up to 09/15) :Rs. 310545 lakhs |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                             | <b>Zero date:</b> 21/01/2009                             |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                             | Financial closure <b>Tied up with REC on 23/02/09</b>    |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Main Plant Order</b> 13/102008 (BTG on M/s BHEL)                                                                                                                                                                                                                         |                                                          |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>BOP Package</b> LOI issued on M/s Tecpro Systems Ltd, Chennai on 30/10/2010. Purchase order issued on 25/11/2010                                                                                                                                                         |                                                          |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Type of fuel</b> Coal                                                                                                                                                                                                                                                    |                                                          |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| PPA                                                                                                                                                                                                                                                                         |                                                          |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Power Evacuation system                                                                                                                                                                                                                                                     |                                                          |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <ul style="list-style-type: none"><li>MOEF clearance obtained on 05/02/09</li><li>REC has sanctioned a loan of Rs. 2170 Crores.</li><li>M/s <b>Desein Pvt Ltd</b> is Consultant for Engineering Services</li><li>Supply of material is under progress by M/s BHEL</li></ul> |                                                          |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Critical issues                                                                                                                                                                                                                                                             |                                                          |                                                                                                                                                                                                                                                                                        |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Reasons for Delay                                                                                                                                                                                                                                                           |                                                          | Delay in placement of order for BoP'. Delay in award of erection agency by BHEL. Delay in finalization of Raw water reservoir location. Delay in handing over of civil fronts by Techpro. Delay in BoP's works and change of BoP contractor consortium Leader from Techpro to VA Tech. |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |

| Sl. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Project Details                                               | Unit No.                                                                  | Capacity (MW) | Commissioning Schedule |       |                        |     | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                               |                                                                           |               | Original               |       | Actual(A)/ As Expected |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                               |                                                                           |               | Syn. Comm              | COD   | Syn. Comm              | COD |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| State Sector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                               |                                                                           |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Kothagudem TPS –VII (TSGENCO)<br>Distt. Kammam<br>in Telagana | 12                                                                        | 800           | 09/17<br>11/17         | 12/17 | NA                     |     | <ul style="list-style-type: none"><li>• <b>Boiler:</b> Civil work started on 12/06/15 and erection commenced on 24/01/2016 and is in progress. (16650 MT erected till 11/16)</li><li>• <b>TG Deck:</b> TG civil work started in 23/08/15. TG erection yet to start.</li><li>• <b>CHP:</b> Civil work awarded to M/s. SNC on 12/02/16. Wagon tippler and stacker cum reclaimers awarded to M/S TRF on 06/07/15 &amp; 12/08/15 respectively. Inspection of equipment carried out at workshop. Conveyor system awarded to M/s. BEVCON on 22/08/15 and crusher, vibrating feeder/peddle feeder yet to be awarded.</li><li>• <b>Cooling Tower:</b> Awarded to M/s. Paharpur cooling towers ltd. on 04/03/16 and work started on 12/07/16.</li><li>• <b>Chimney:</b> Awarded to M/s. BIL on 16/05/15 and 40% work completed.</li></ul> |
| Original Estd. Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                               | : Rs. 554844lakhs                                                         |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Latest Est. Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                               |                                                                           |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Expenditure during 2015-16                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                               | : Rs. 351.74 crores.                                                      |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Total Expenditure(Up to 01/16)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                               | : Rs. 351.74 crores.                                                      |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Approval date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                               |                                                                           |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Zero date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                               | 01/01/2015                                                                |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Financial closure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                               | Tied up with REC on 17/01/2014                                            |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Main Plant Order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                               | (BTG on M/s BHEL)- LOI issued on 27/12/14.                                |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| BOP Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                               |                                                                           |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Type of fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                               |                                                                           |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                               | PPA signed on 22/01/2013 and power evacuation system 400 Kv by TSTRANSCO. |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Power Evacuation system                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                               |                                                                           |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <ul style="list-style-type: none"><li>• LOI was issued to BHEL on 27/12/2014 (i.e Main plant equipment Boiler, Turbine &amp; Generator-BTG)</li><li>• MOEF clearance obtained on 16/07/15.</li><li>• SPCB: Applied for consent for establishment and approval awaited.</li><li>• REC has sanctioned a loan vide letter dated 17/01/14.</li><li>• Water allocation available vide G.O.MS No.47, dated 24/12/14.</li><li>• AAI clearance obtained vide letter No.AAI/SR/NOC/RHQ dt.15/10/12.</li></ul> |                                                               |                                                                           |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Critical issues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                               |                                                                           |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Reasons for Delay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                               |                                                                           |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

| Sl. No.           | Project Details                          | Unit No.                                                                                             | Capacity (MW)                         | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                         |  |
|-------------------|------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------|-------|------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                          |                                                                                                      |                                       | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                      |  |
|                   |                                          |                                                                                                      |                                       | Syn. Comm              | COD   | Syn. Comm              | COD   |                                                                                                                                                                                                                                                                                                                      |  |
| State Sector      |                                          |                                                                                                      |                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                      |  |
| 13                | Bhadradi TPP (TSGENCO)<br>Distt. Khammam | 1                                                                                                    | 270                                   | 01/17<br>02/17         | 03/17 | 11/17<br>12/17         | 01/18 | • Order placed on BHEL. Zero date commenced on 21/03/15. Soil/ Geotechnical investigations are in progress. Boiler erection yet to be started. *Work was held up due to order from National Green Tribunal (NGT) and Hon'ble NGT (SZ) Chennai has delivered the final judgment on 11/07/16. MoE&F clearance awaited. |  |
|                   |                                          | 2                                                                                                    | 270                                   | 03/17<br>04/17         | 05/17 | 01/18<br>02/18         | 03/18 |                                                                                                                                                                                                                                                                                                                      |  |
|                   |                                          | 3                                                                                                    | 270                                   | 05/17<br>06/17         | 07/17 | 04/18<br>05/18         | 06/18 |                                                                                                                                                                                                                                                                                                                      |  |
|                   |                                          | 4                                                                                                    | 270                                   | 07/17<br>08/17         | 09/17 | 07/18<br>08/18         | 09/18 |                                                                                                                                                                                                                                                                                                                      |  |
|                   | Original Estd. Cost                      |                                                                                                      | Rs. 5044 Crs. (EPC cost)              |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                      |  |
|                   | Latest Est. Cost                         |                                                                                                      |                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                      |  |
|                   | Expenditure during 2015-16               |                                                                                                      | Rs. 1000 Crs.                         |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                      |  |
|                   | Total Expenditure                        |                                                                                                      |                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                      |  |
|                   | Approval date:                           |                                                                                                      |                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                      |  |
|                   | Zero date:                               |                                                                                                      | : 21.03.15                            |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                      |  |
|                   | Financial closure                        |                                                                                                      |                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                      |  |
|                   | Main Plant Order                         |                                                                                                      | EPC order placed on BHEL on 21.03.15. |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                      |  |
|                   | BOP Package                              |                                                                                                      |                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                      |  |
|                   | Type of fuel                             |                                                                                                      | Coal                                  |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                      |  |
|                   | PPA                                      |                                                                                                      |                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                      |  |
|                   | Power Evacuation system                  |                                                                                                      |                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                      |  |
| Critical issues   |                                          |                                                                                                      |                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                      |  |
| Reasons for Delay |                                          | Work held up due to order from National Green Tribunal (NGT) and non-availability of MoE&F clearance |                                       |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                      |  |

## BROAD STATUS OF THERMAL POWER PROJECTS IN KARNATAKA

| Sl. No.           | Project Details                                              | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Capacity (MW)                                                                                                                                                       | Commissioning Schedule |      |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |
|-------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------|------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|                   |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                     | Original               |      | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                     | Synch Comm             | COD  | Syn. Comm              | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
| State Sector      |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                     |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
| 1.                | <b>Yermarus TPP (2X800 MW)<br/>Distt. Raichur (M/s KPCL)</b> | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 800                                                                                                                                                                 | 01/14<br>04/14         | 2014 | 09.02.16<br>29.03.16   | 01/17 | <ul style="list-style-type: none"><li>Boiler: erection started on 29-10-12. HT completed on 10-09-14. BLU completed on 10-08-15. SBO completed on 14-01-16. Flue gas ducting from BOF to ESP completed with insulation and cladding.</li><li>ESP: Mechanical erection is completed. Erection of insulation and cladding completed. Hot gas ducting is completed along with insulation and cladding. Control room construction completed.</li><li>TG: TG erection started on 14.01.14. Oil flushing completed in 04.09.15. Final box up completed on 20-11-15. Unit synchronized on 09-02-2016. Full load achieved on 29.03.2016.</li></ul> Unit-2 <ul style="list-style-type: none"><li>Boiler: Erection started on 03-12-12. HT conducted on 30-12-14 /23-02-16. BLU on 25-02-16. Erection of mills, PA, FD &amp; ID fan completed. SBO completed on 03.06.2016.</li><li>ESP: Ready for use.</li><li>TG: TG erection started on 31.05.2014. TG oil flushing completed on 12.02.16 and final box up done on 25.06.16. Erection of all TG auxiliaries completed. Turbine shaft put on BG on 31.03.16. units synchronized on 21.07.16. Full load expected in 02/17.</li></ul> <b>BoPs:</b> <ul style="list-style-type: none"><li>Chimney: Order placed on M/s Gannon Dunkerly &amp; Co. Ltd on 26-04-12. Shell concreting completed. Chimney is ready for both units.</li><li>IDCT: Order placed on L&amp;T on 15-05-13. CTs are ready for both units. Hot water riser pipes erected for both units. Fans and motors erected and testing completed. CTs are ready for both units.</li><li>CHP: Order placed on M/s BHEL on 21-03-12. Structural erection of junction towers and trestles is in progress before stacker cum recalimer area. CHP is ready for supplying coal from ERH1 to U-1. Links and Bunker galleries for U-2 are under progress.</li><li>AHP: Order placed on M/s BHEL on 21-03-12. BAH erected for U1 along with wet ash system. Civil works completed in ASPH. Erection of ASP for U-1is completed and that for U-2 is in progress.</li><li>RWPH: Jack well construction is completed. RW pumps erected. Pipe line from RWPH to project completed. Supply of water started.</li><li>CWPH: Fore bay, CW channel, CW pipe lines completed. CWPH building completed and pumps erected. CW system for both units is ready and is operational.</li><li>RO/DM: All system is ready and DM water is being produced.</li><li>FOPH: Erection of LDO &amp; HFO tanks, pumps and MCC room completed.</li><li>FPS: Fire water pump house and MCC room completed. Fire hydrant line laying works in progress in some areas of U-2.</li><li>SWYRD: Structural and equipment erection completed. Testing and commissioning is completed. It is ready and operational for U-I.</li></ul> |  |  |
|                   |                                                              | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 800                                                                                                                                                                 | 07/14<br>10/15         | 2014 | 21.07.16<br>02/17      | 02/17 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | Original Estd. Cost                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 9015.00 Crs                                                                                                                                                     |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | Latest Est. Cost                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | : Rs. 12770.00 Crs                                                                                                                                                  |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | Expenditure during 2009-10                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 885 lakhs                                                                                                                                                       |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | Expenditure during 2010-11                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 42080 lakhs                                                                                                                                                     |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | Expenditure during 2011-12                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 14706 lakhs                                                                                                                                                     |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | Expenditure during 2012-13                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 117100 lakhs                                                                                                                                                    |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | Expenditure during 2013-14                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 463262 lakhs                                                                                                                                                    |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | Expenditure during 2014-15                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 262839 lakhs                                                                                                                                                    |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | Expenditure during 2015-16                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 179130 lakhs                                                                                                                                                    |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | Expenditure during 2016-17                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 102203.00 lakhs                                                                                                                                                 |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | Total Expenditure                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 11821.81 Cr (up to 12/16)                                                                                                                                       |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | Approval date:                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 03.01.2009                                                                                                                                                          |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | Zero date:                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | : 09.04.2010                                                                                                                                                        |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | Financial closure                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | : Achieved on 09.11.2011                                                                                                                                            |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | Main Plant Order                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | : 09.04.2010                                                                                                                                                        |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | BOP Package                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | BTG order placed on BHEL Boiler-Alstom/BHEL, TG-Siemens/BHEL<br>Civil works awarded to M/s Prasad & Co. and M/s Coastal Project Ltd. For U-I and U-II respectively. |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | Type of fuel                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Coal                                                                                                                                                                |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | PPA                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | : Discussions initiated with ESCOMS of Karnataka on 18-12-2010.                                                                                                     |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   | Power Evacuation system                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                     |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                   |                                                              | <ul style="list-style-type: none"><li>Land: About 826 acres of land is already in possession. Acquisition of 320 acres of land for Rly siding etc is under process.</li><li>MOE&amp;F: clearances obtained on 17-09-09</li><li>SPCBC: Consent of Board issued on 26-05-10.</li><li>Coal Linkage: MOC has allocated Deocha Pachami Coal Blocks in WB for KPCL on 06-09-2013.</li><li>Civil Aviation: Obtained on 23-02-09.</li><li>Water: 3.6 TMC of water allotted by Gok from Krishna River for Yermarus (2x800 MW) and Edlapur (1x800 MW) projects</li></ul> |                                                                                                                                                                     |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
| Critical issues   |                                                              | 1.Completion of CHP and AHP for U-2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                     |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
| Reasons for Delay |                                                              | 1.Slow progress of civil works due to rocky land 2. Change in foundation drawing of main plant. 3.Acquisition of land for raw water pipe line from Krishna river to power project.<br>4. All civil works stopped from 31.05.16 to 19.07.16 due to labor strike & further no activity due to shortage of manpower. No concreting activity since 25.06.16                                                                                                                                                                                                        |                                                                                                                                                                     |                        |      |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |

| Sl. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Project Details                       | Unit                                                                                                           | Capacity (MW) | Commissioning Schedule |     |                        |     | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------|------------------------|-----|------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                       |                                                                                                                |               | Original               |     | Actual(A)/ As Expected |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                       |                                                                                                                |               | Synch Comm             | COD | Syn. Comm              | COD |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| State Sector                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                       |                                                                                                                |               |                        |     |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yelahanka Combined Cycle Power plant. | 1                                                                                                              | 370 GT<br>ST  | 10/17<br>03/18         |     | 10/17<br>03/18         |     | <ul style="list-style-type: none"><li>• Main Plant: Erection work of duct &amp; HRSG main columns completed. Erection of beams, casing and bracings are in progress.</li><li>• Main plant Civil &amp; Structural work: Foundation works of STG, STG building &amp; GTG is in progress.</li><li>• Electrical work: Construction power supply work has been completed &amp; the system is commissioned.</li><li>• <b>BoPs:</b><br/><br/>Chimney: 4/23 chimney shells erected up to 10.5-meter height.<br/>CT: Engineering and site enabling work is in progress.<br/>CW system: Engineering and site excavation work is in progress.<br/>DM Plant: Excavation and foundation work is in progress.<br/>Switch Yard: Engineering and site enabling work is in progress.</li></ul> |
| Original Estd. Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                       | :Rs 1571.18 Crs                                                                                                |               |                        |     |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Latest Est. Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       | :Rs. 1571.18 Crs                                                                                               |               |                        |     |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Expenditure during 2016-17                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                       | :Rs 175.25 Cr                                                                                                  |               |                        |     |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Total Expenditure                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                       | :Rs 175.25 Cr (up to 12/16)                                                                                    |               |                        |     |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Approval date:                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |                                                                                                                |               |                        |     |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Zero date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                       | : 09.11.2015                                                                                                   |               |                        |     |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Financial closure                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                       | :                                                                                                              |               |                        |     |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Main Plant Order                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       | : M/s BHEL                                                                                                     |               |                        |     |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| HRSG Civil Work                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                       | M/s BHEL                                                                                                       |               |                        |     |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Type of fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                       | Gas                                                                                                            |               |                        |     |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                       | : PPA agreement is under review.                                                                               |               |                        |     |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Power Evacuation system                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       | KPTCL 220KV Substation is ready for power evacuation and KPTCL submitted power evacuation scheme for approval. |               |                        |     |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <ul style="list-style-type: none"><li>• Land: 102.33 acres of land possessed by KPCL.</li><li>• MOE&amp;F: NOC obtained on 01/09/2015.</li><li>• SPCBC: NOC obtained on 02/12/2015.</li><li>• Gas allocation/FSA: Gas transmission agreement, Gas Supply agreement is under review and is in final stage.</li><li>• Civil Aviation: NOC obtained from Airports Authority of India on 05/05/2015.</li><li>• Water: 15 MLD from Jakkur tertiary treated water plant.</li></ul> |                                       |                                                                                                                |               |                        |     |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Critical issues                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                       |                                                                                                                |               |                        |     |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Reasons for Delay                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                       |                                                                                                                |               |                        |     |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## BROAD STATUS OF THERMAL POWER PROJECTS IN TAMIL NADU

| BROAD STATUS OF THERMAL POWER PROJECTS IN TAMIL NADU |                                                   |          |                                                                |                        |       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
|------------------------------------------------------|---------------------------------------------------|----------|----------------------------------------------------------------|------------------------|-------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Sl. No.                                              | Project Details                                   | Unit No. | Cap-acity (MW)                                                 | Commissioning Schedule |       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Broad Status |
|                                                      |                                                   |          |                                                                | Original               |       | Actual(A)/ As Expected |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
|                                                      |                                                   |          |                                                                | Syn. Comm              | COD   | Syn. Comm              | COD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |
| State Sector                                         |                                                   |          |                                                                |                        |       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
| 14                                                   | Ennore SEZ SCTPP<br>TANGEDCO (Distt. Thiruvallur) | 1        | 660                                                            | <u>01/18</u><br>01/18  | 03/18 | <u>09/18</u><br>09/18  | <ul style="list-style-type: none"><li>• <b>Boiler</b> (M/s BHEL): Design &amp; Engineering work, site leveling and site office work are in progress.</li><li>• Due to Court case/ High Court order work held up at site from 10/15 onwards. M/s TANGEDCO filed Special Leave Petition (SLP) in the Supreme Court of India, hearing/arguments completed on 08/02/16. However, judgment in favour of TANGEDCO came on 18/10/16 only and work at site commenced with effect from 02/11/16.</li><li>• SG – BHEL – Alstom</li><li>• TG – BHEL – Siemens</li></ul> |              |
|                                                      |                                                   | 2        | 660                                                            | <u>03/18</u><br>03/18  | 05/18 | <u>02/19</u><br>03/19  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
|                                                      | Original Estd. Cost                               |          | : Rs. 980000 Lakh (Includes cost of FGD, ECHS and IDC)         |                        |       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
|                                                      | Latest Est. Cost                                  |          |                                                                |                        |       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
|                                                      | Expenditure during 2015-16                        |          | : Rs. 448.6 Crores                                             |                        |       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
|                                                      | Total Expenditure(up to 10/16)                    |          | : Rs. 448.6 Crores                                             |                        |       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
|                                                      | Approval date:                                    |          | : 12/12/2005                                                   |                        |       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
|                                                      | Zero date:                                        |          |                                                                |                        |       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
|                                                      | Financial closure                                 |          |                                                                |                        |       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
|                                                      | Main Plant Order                                  |          | : Order placed on M/s. BHEL(EPC- Rs. 7688 Crores) on 27/09/14. |                        |       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
|                                                      | BOP Package                                       |          |                                                                |                        |       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
|                                                      | Type of fuel                                      |          | : COAL( Mahanadi coal fields )                                 |                        |       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
|                                                      | PPA                                               |          |                                                                |                        |       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
|                                                      | Power Evacuation system                           |          |                                                                |                        |       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
| Critical issues                                      |                                                   |          |                                                                |                        |       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
| Reasons for Delay                                    |                                                   |          |                                                                |                        |       |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |

| Sl. No.                 | Project Details                             | Unit No. | Capacity (MW)                                                 | Commissioning Schedule |       |                        |     | Broad Status                                                                                                                                     |  |
|-------------------------|---------------------------------------------|----------|---------------------------------------------------------------|------------------------|-------|------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                         |                                             |          |                                                               | Original               |       | Actual(A)/ As Expected |     |                                                                                                                                                  |  |
|                         |                                             |          |                                                               | Syn. Comm              | COD   | Syn. Comm              | COD |                                                                                                                                                  |  |
| State Sector            |                                             |          |                                                               |                        |       |                        |     |                                                                                                                                                  |  |
| 15                      | Uppur SCTPP TANGEDCO at Distt. Ramnad, T.N. | 1        | 800                                                           | 02/19                  | 04/19 | NA                     | NA  | • BTG & allied civil work related to BTG as one EPC package, order placed on BHEL on 27.02.16. (Boiler- Alstom, TG- Siemens and Generator- BHEL) |  |
|                         |                                             | 2        | 800                                                           | 03/19                  |       |                        |     |                                                                                                                                                  |  |
|                         | Original Estimated Cost                     |          | : Rs. 12778 Crs. (BTG cost –Rs. 5580 Crs.)                    |                        |       |                        |     |                                                                                                                                                  |  |
|                         |                                             |          |                                                               |                        |       |                        |     |                                                                                                                                                  |  |
|                         | Latest Estimated Cost                       |          | : NA                                                          |                        |       |                        |     |                                                                                                                                                  |  |
|                         | Expenditure during 2015-16                  |          | :Rs. 775 Lakhs                                                |                        |       |                        |     |                                                                                                                                                  |  |
|                         | Expenditure during 2016-17                  |          | :Rs. 226 Lakhs                                                |                        |       |                        |     |                                                                                                                                                  |  |
|                         | Total Expenditure(up to 12/16)              |          | :Rs. 1001 Lakhs                                               |                        |       |                        |     |                                                                                                                                                  |  |
|                         | Approval date:                              |          |                                                               |                        |       |                        |     |                                                                                                                                                  |  |
|                         | Zero date:                                  |          | 20.05.2016                                                    |                        |       |                        |     |                                                                                                                                                  |  |
|                         | Financial closure                           |          | Financial tie-up is proposed with M/s PFC.                    |                        |       |                        |     |                                                                                                                                                  |  |
|                         | Main Plant Order                            |          | : Order placed on M/s. BHEL(BTG- Rs. 5580Crores) on 27/02/16. |                        |       |                        |     |                                                                                                                                                  |  |
|                         | BOP Package                                 |          | : Yet to be awarded                                           |                        |       |                        |     |                                                                                                                                                  |  |
|                         | Type of fuel                                |          | : COAL                                                        |                        |       |                        |     |                                                                                                                                                  |  |
|                         | PPA                                         |          |                                                               |                        |       |                        |     |                                                                                                                                                  |  |
| Power Evacuation system |                                             |          |                                                               |                        |       |                        |     |                                                                                                                                                  |  |
| Critical issues         |                                             |          |                                                               |                        |       |                        |     |                                                                                                                                                  |  |
| Reasons for Delay       |                                             |          |                                                               |                        |       |                        |     |                                                                                                                                                  |  |

| Sl. No.                         | Project Details                                           | Unit No.                                                                                                                                                                                                                                                                                                | Capacity (MW) | Commissioning Schedule |       |                        |     | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 |                                                           |                                                                                                                                                                                                                                                                                                         |               | Original               |       | Actual(A)/ As Expected |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                 |                                                           |                                                                                                                                                                                                                                                                                                         |               | Syn. Comm              | COD   | Syn. Comm              | COD |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| State Sector                    |                                                           |                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 16                              | North Chennai TPP St-III by TANGEDCO (Distt. Thiruvallur) | 1                                                                                                                                                                                                                                                                                                       | 800           | 10/17<br>01/18         | 01/18 | 08/18<br>09/18         | -   | <ul style="list-style-type: none"><li>Letter of Acceptance for Main Plant Order (EPC) issued to M/s <b>BHEL</b> on 29/01/16</li><li>Geological investigation, Topographical survey/Soil investigation etc. completed, tree cutting and jungle clearing are in progress.</li><li>Casting of test piling works in BTG area completed and load test in piles are under progress.</li><li>TG layout drawing under approval and SG drawing is yet to submitted by BHEL.</li><li>Award for BOP packages LOI issued on 28/10/16 to M/s. BGRESL and project kick-off meeting held on 14/11/16. For seawater intake &amp; out fall system as separate packages are under process. Tenders for both the packages called and Techno-commercial bid opened on 19/09/16 for BoP package and on 26/10/16 for seawater intake &amp; out fall system.</li></ul> |
| Original Estd. Cost             |                                                           | : Rs. 637600 Lakh                                                                                                                                                                                                                                                                                       |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Latest Est. Cost                |                                                           |                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Expenditure during 2013-14      |                                                           | : Rs. 62.35 Lakhs                                                                                                                                                                                                                                                                                       |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Expenditure during 2014-15      |                                                           | : Rs. 12.94 Lakhs                                                                                                                                                                                                                                                                                       |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Expenditure during 2015-16      |                                                           | : Rs. 25.30 Lakhs                                                                                                                                                                                                                                                                                       |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Total Expenditure (up to 10/16) |                                                           | : Rs. 100.59 Lakhs                                                                                                                                                                                                                                                                                      |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Approval date:                  |                                                           |                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Zero date:                      |                                                           | : 29/01/2016                                                                                                                                                                                                                                                                                            |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Financial closure               |                                                           |                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Main Plant Order                |                                                           | : 29/01/16 (EPC) on M/s. BHEL- Rs.2759 Crores..                                                                                                                                                                                                                                                         |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| BOP Package                     |                                                           | 28.10.2016 (EPC) on M/s BGRESL- Rs.2600 Crores.                                                                                                                                                                                                                                                         |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Type of fuel                    |                                                           | : COAL                                                                                                                                                                                                                                                                                                  |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PPA                             |                                                           | :Entire power is to be utilized by TANGEDCO.                                                                                                                                                                                                                                                            |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Power Evacuation system         |                                                           | :Under TANTRANSCO scope.                                                                                                                                                                                                                                                                                |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                 |                                                           | <ul style="list-style-type: none"><li>MOE&amp;F Clearances obtained on 20/01/2016.</li><li>SPCB clearance awaited.</li><li>Civil Aviation: clearance obtained on 15/05/2013</li><li>Water allocation: Water requirement for the project will be met from existing fore bay of NCTPS stage-II.</li></ul> |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Critical issues                 |                                                           |                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Reasons for Delay               |                                                           |                                                                                                                                                                                                                                                                                                         |               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| Sl. No.                 | Project Details                               | Unit No.                                                                                                                                                                                                                                                                                                          | Capacity (MW)                                                                                                                                                                                                          | Commissioning Schedule |       |                        |          | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|-------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                         |                                               |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                        | Original               |       | Actual(A)/ As Expected |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                         |                                               |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                        | Syn. Comm              | COD   | Syn. Comm              | COD      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Private Sector          |                                               |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| 17                      | IL&FS TPP at Cuddalore District in Tamil Nadu | 1                                                                                                                                                                                                                                                                                                                 | 600                                                                                                                                                                                                                    | 03/14                  | 05/14 | 01/09/15               | 29/09/15 | <ul style="list-style-type: none"><li><b>Boiler-1:</b> Erection commenced on 28/12/12. Boiler drum lifted on <b>22/07/13</b>. HT done on <b>17/10/14</b> &amp; <b>BLU</b> done on 01/08/15. SBO completed on 05/08/15.</li><li>TG &amp;Condenser-1: Condenser erection started on 05/08/13 and TG erection started on 01/03/14. TG boxed up on 28/15 &amp; Oil Flushing completed on 07/07/15.</li><li>Unit was synchronized on 01/09/15 and achieved <b>full load on 19/09/15. COD declared w.e.f. 29/09/15.</b></li><li><b>Boiler-2:</b> Erection commenced on 01/02/2013. Boiler drum lifted on <b>19/08/2013</b>. HT done on <b>26/09/2015</b> &amp; <b>BLU done on 29/02/16</b>. SBO completed in 03/16.</li><li><b>TG &amp; Condenser:</b> Condenser erection started on 05/10/13 and TG erection started on 06/06/15. TG boxed up on 20/12/15. Synchronized on 13/04/16 &amp; achieved <b>full load on 18/04/16. COD declared from 30/04/2016.</b></li></ul> |  |
|                         |                                               | 2                                                                                                                                                                                                                                                                                                                 | 600                                                                                                                                                                                                                    | 03/14                  | 09/14 | 19/09/15               | 30/04/16 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                         | Original Estd. Cost                           |                                                                                                                                                                                                                                                                                                                   | : Rs.1060000 Lakh (Inclusive of cost of captive mine at Indonesia, FGD plant as per MoE&F stipulation Land cost of phase-I & II, common coal stock yard facilities dedicated port & dedicated transmission line (47km) |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                         | Latest Est. Cost                              |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                         | Expenditure during 2010-11                    |                                                                                                                                                                                                                                                                                                                   | : Rs. 32543 Lakh                                                                                                                                                                                                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                         | Expenditure during 2011-12                    |                                                                                                                                                                                                                                                                                                                   | : Rs.110074 Lakh                                                                                                                                                                                                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                         | Expenditure during 2012-13                    |                                                                                                                                                                                                                                                                                                                   | : Rs. 93706 Lakh                                                                                                                                                                                                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                         | Expenditure during 2013-14                    |                                                                                                                                                                                                                                                                                                                   | : Rs.260816 Lakh                                                                                                                                                                                                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                         | Expenditure during 2014-15                    |                                                                                                                                                                                                                                                                                                                   | : Rs.272014 Lakh                                                                                                                                                                                                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                         | Expenditure during 2015-16                    |                                                                                                                                                                                                                                                                                                                   | : Rs.103596 Lakh                                                                                                                                                                                                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                         | Total Expenditure(up to 09/15)                |                                                                                                                                                                                                                                                                                                                   | : Rs.872749 Lakh                                                                                                                                                                                                       |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                         | Zero date:                                    |                                                                                                                                                                                                                                                                                                                   | : 15/02/11.                                                                                                                                                                                                            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                         | Main Plant Order                              |                                                                                                                                                                                                                                                                                                                   | : 22/10/2010 (EPC) on M/s SEPCO-III, China                                                                                                                                                                             |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Type of fuel            |                                               | : COAL Long term FSA for imported coal from Indonesia.                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Power Evacuation system |                                               |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                         |                                               | <ul style="list-style-type: none"><li>Letter of Acceptance for Main Plant Order (EPC) issued to M/s Shandong Tiejun Electric Power Engg. Co. Ltd. (SEPCO-III) on 22/12/10.</li><li>CPCB &amp; MOE&amp;F Clearances obtained.</li><li>Civil Aviation: clearance obtained for 275 meters’ chimney height.</li></ul> |                                                                                                                                                                                                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Critical issues         |                                               |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Reasons for Delay       |                                               | Work held up at site due to suspension of MoE&F clearance obtained on 31/05/10. Revised clearance received on 14/08/12 and work restarted                                                                                                                                                                         |                                                                                                                                                                                                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |

| Sl. No.                           | Project Details                               | Unit No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Capa-<br>city<br>(MW) | Commissioning Schedule |       |                        |     | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------|-------|------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                   |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       | Original               |       | Actual(A)/ As Expected |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                   |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       | Syn. Comm              | COD   | Syn. Comm              | COD |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| State Sector                      |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 18                                | Ennore SCTPP<br>TANGEDCO (Distt. Thiruvallur) | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 660                   | 10/17<br>01/18         | 01/18 | 08/18<br>09/18         | -   | <ul style="list-style-type: none"><li>• <b>Boiler</b> (M/s Lanco): Civil work commenced on 16/02/15. Boiler erection started on 01/02/16 and HT expected by 02/17.</li><li>• <b>TG &amp; Condenser</b>: Civil work commenced on 18/06/15. Condenser erection started on 20/07/16 &amp; TG erection started on 11/08/16.</li><li>• <b>Chimney</b>: Awarded to LITL, Gurgaon. Chimney raft casting commenced on 22/07/2015. Shell concreting work started on 29/02/16, Shell casting completed in 3/2/16.</li><li>• <b>CHP</b>: Awarded to M/s. FL SMIDTH (P) Ltd. Chennai on 23/04/15. 70:30 Imported: Domestic Coal. The soil investigation work commenced on 01/08/2015. NOC/ROW (Statutory clearance) approval has been obtained from PWD for routing ECHS from North Chennai to project site through Ennore Creek. The CE / PWD recommended the proposal for the waiver of track rent to Government on 18/11/2015 and GoTN has not considered the case. LITL remitted the Lease rent &amp; refundable caution deposit to PWD on 26/11/15.</li><li>• <b>CW System</b>: Awarded to Kirloskar Brothers Ltd and Sea water intake &amp; outfall system-off shore to M/s Coastal Marine construction and Engineering Ltd, Mumbai on 07/09/15. Intake pump house earth excavation under progress. The earth work excavation in cooling water intake pump house was commenced on 07/09/2015 and in progress. LITL committed to complete the permanent marking along the route by 31/12/15. Obtaining approval from various departments is a time consuming process hence M/s LITL was requested to arrange statutory clearance from Railways, Highways, Chennai Corporation, TNHB etc., as early as possible.</li><li>• <b>NDCT</b>: Awarded to M/s Hamon Thermal Europe S.A on 05/05/15. All the 768 piles casting completed on 08/02/16. The earth work excavation for pile cap commenced on 15/10/2015 and pile chipping commenced on 16/12/15. Basin piling work under progress.</li><li>• <b>FO System</b>: Award to M/s General Mechanical Works Pvt. Ltd – Vadodara on 12/10/15.</li><li>• <b>Switchyard</b>: Switchyard and related electrical systems are yet to be awarded.</li></ul> |
| Original Estd. Cost               |                                               | :Rs 495600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       | Lakh                   |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Latest Est. Cost (03/2016)        |                                               | :Rs 5421.38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       | Lakh                   |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Expenditure during 2014-15        |                                               | :Rs. 23970                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       | Lakh                   |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Expenditure during 2015-16        |                                               | :Rs. 8945                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       | Lakh                   |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Total Expenditure (up to 11/2016) |                                               | :Rs. 32915                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       | Lakh                   |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Approval date:                    |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Zero date:                        |                                               | : 14/07/2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Financial closure                 |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Main Plant Order                  |                                               | : 30/05/2014 (EPC) on M/s LANCO and lanco in turn awarded the BTG to Dong Fang electric corporation, China on 18/02/15. EPC cost Rs.3921.55crs. (revised)                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| BOP Package                       |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Type of fuel                      |                                               | : COAL (70:30 Imported: Domestic Coal)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PPA                               |                                               | PPA does not arise as the entire power is to be utilized by TANGEDCO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power Evacuation system           |                                               | Regarding Power Evacuation system is under TANRANSCO scope.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                   |                                               | <ul style="list-style-type: none"><li>• Letter of Acceptance for Main Plant Order (EPC) issued to M/s LANCO on 05/14 (27/02/14 as per lr dt 22/12/16). LANCO in turn placed order on Dong Fang Electric Corporation., China on 18/02/15.</li><li>• MOE&amp;F Clearances obtained on 18/09/2014.</li><li>• SPCB clearance obtained on 18/02/13.</li><li>• Civil Aviation: clearance obtained on 16/05/2008</li><li>• Water allocation: Sea water is available near the project. Cooling water consumption to be drawn from Sea is 1,33,896 m3/day.</li></ul> |                       |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Critical issues                   |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reasons for Delay                 |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

| Sl. No.                 | Project Details                                       | Unit No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Capacity (MW)                   | Commissioning Schedule |       |                        |          | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|-------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------|-------|------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                         |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                 | Original               |       | Actual(A)/ As Expected |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                         |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                 | Syn. Comm              | COD   | Syn. Comm              | COD      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Private Sector          |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                 |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| 21                      | Mutiara TPP (Coastal Energen) (Distt. Tuticorin) T.N. | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 600                             | 12/11<br>02/12         | 02/12 | 09/14(A)<br>12/14(A)   | 23/12/14 | Unit-I<br>• <b>Boiler:</b> Erection started in 12/10 and drum lifted on 07/07/11. HT conducted on 02/06/12 & 08/05/13. BLU conducted on 25/03/14. SBO completed in 07/14<br>• <b>TG:</b> Condenser erection started in 08/11 and TG erection started in 10/11. TG boxed-up on 15/06/14. Unit synchronized on 07/09/14. <b>Full load achieved on 02/12/14. COD declared on 23/12/14.</b><br><br>Unit-II<br>• <b>Boiler:</b> Erection started in 01/11 & drum lifted on 10/10/11. HT done on 15/07/13. BLU done in 08/15, SBO: completed in 11/15<br>• <b>TG:</b> Condenser erection started in 11/11 and TG erection started in 12/11. Generator stator lifted and positioned. Boxed up in 10/15. Oil flushing completed in 12/15. <b>Unit synchronized on 26/12/15 (180MW) and commissioned on 02/01/2016. COD declared on 15/01/16.</b> |  |
|                         |                                                       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 600                             | 02/12<br>03/12         | 03/12 | 26/12/15<br>02/01/16   | 15/01/16 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                         | Original Estd. Cost                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Rs. 480000 Lakh / 515800 Lakh |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                         | Latest Est. Cost                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Rs. 787000 Lakh               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                         | Expenditure during 2007-08                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Rs. 957 Lakh                  |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                         | Expenditure during 2008-09                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Rs. 16689 Lakh                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                         | Expenditure during 2009-10                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Rs. 50886 Lakh                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                         | Expenditure during 2010-11                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Rs. 118638 Lakh               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                         | Expenditure during 2011-12                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Rs. 145130 Lakh               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                         | Expenditure during 2012-13                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Rs. 147469 Lakh               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                         | Expenditure during 2013-14                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Rs. 39422 Lakh                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                         | Expenditure during 2014-15                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Rs. 83000 Lakh                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                         | Expenditure during 2015-16                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Rs. 59109 Lakh                |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                         | Total Expenditure(Up to 10/15)                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : Rs. 7013.00 Crores            |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                         | Approval date:                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : 10/09/2007                    |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Zero date:              |                                                       | : 06/08/2009                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Financial closure       |                                                       | : Achieved on 02/07/2009 with SBI as the lead bank                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                 |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Main Plant Order        |                                                       | 25/02/2009 (BTG) on M/s Harbin Power Engineering Co. Ltd., China.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                 |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| BOP Package             |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                 |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Type of fuel            |                                                       | Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                 |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| PPA                     |                                                       | : PPA signed for 700 MW power with Tata Power Trading Company Ltd on 28/11/08. PPA signed with TANGEDCO for 558 MW on 14/11/13. BPTA signed on 24/02/10                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                 |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Power Evacuation system |                                                       | : LILO of 1 Ckt of 400 KV Madurai, -Tutucorin (JV) D/C line at Energen’s Power Plant to draw start-up Power and Evacuate Power until the complete Transmission system is established.                                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                         |                                                       | • <b>Land:</b> Entire land of 875 Acres is in possession for the project.<br>• <b>MOEF</b> clearance obtained on 05/05/2009.<br>• Civil Aviation clearance obtained on 16/05/08<br>• <b>SPCB</b> clearance obtained on 03/03/2009<br>• <b>BPTA</b> signed with PGCIL on 24/02/2010.<br>• <b>CRZ</b> clearance obtained on 10/08/09.<br>• <b>FUEL LINKAGE</b> The Company has entered into Fuel Supply Agreement (FSA) with M/s Coal & Oil, Dubai for Supply of Entire Coal requirement for the Project, on 26/06/2008. Domestic Coal Linkage has also been sought from the Ministry of Coal, GOI. |                                 |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Reasons for Delay       |                                                       | 1. Unseasonal heavy rainfall affected the progress. Reduction in work force in April/May 2011 due to elections in the State<br>2. Civil work affected due to non-availability of sand for concreting as policy was regulated<br>3. Availability of construction water effected due to ban on ground water extraction in the project locality<br>4. Supply of BTG equipment was delayed by M/s Harbin Power Engineering Company, China<br>5. Disbursement of additional term loan due to problems in power sector                                                                                  |                                 |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |

| Sl. No.                                                                                                                                                                                                                                                                                                                                                                                                                      | Project Details                                                             | Unit No.                                                                                                                                                                                                          | Capa- city (MW) | Commissioning Schedule |                |                        |     | Broad Status |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------|----------------|------------------------|-----|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                             |                                                                                                                                                                                                                   |                 | Original               |                | Actual(A)/ As Expected |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                             |                                                                                                                                                                                                                   |                 | Syn. Comm              | COD            | Syn. Comm              | COD |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Private Sector                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                             |                                                                                                                                                                                                                   |                 |                        |                |                        |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                           | TuticorinTPP St-IV / SEPC Power Pvt. Ltd. (Distt. Tuticorin), in Tamil Nadu | M/s                                                                                                                                                                                                               | 1               | 525                    | 07/18<br>09/18 | 10/18                  | NA  |              | <ul style="list-style-type: none"><li>• <b>Boiler:</b> EPC contractor is M/s MEIL, in turn they awarded the BTG package to M/s BHEL on 30/10/15 and main plant civil work to M/s L&amp;T Geo Structures Ltd. M/s MEIL has already Mobilized at site and have created the required construction infrastructure. Boiler civil work started on 15/12/15 &amp; erection started on 15/06/016.</li><li>• TG civil work started On 01/06/016.</li><li>• <b>CHP, AHP, CT, Chimney, PT and DM Plant, CW system, Fuel oil system</b> and all other systems related to power evacuation, switchyard including C&amp;I, Fire protection system, air-conditioning &amp; ventilation etc. are all awarded to M/s MEIL on 18/01/14. It is all the part of EPC package.</li><li>• <b>CHP:</b> Awarded to M/s Lefton for Engineering consultant &amp; Monitoring agency for ICHS. Civil foundation work is in progress.</li><li>• <b>AHP:</b> Awarded to M/s Macwalber Beckay and engineering &amp; design activities started. Civil foundation work is in progress.</li><li>• <b>Cooling Tower:</b> M/s MEIL awarded the IDCT works to M/s Paharpur, civil works are nearing completion.</li><li>• <b>Chimney:</b> M/s MEIL awarded the chimney works to M/s Paharpur. Civil foundation works nearing completion and concreting works started.</li><li>• <b>CW System:</b> CW packages awarded to M/s Flowserve. Civil works are in progress.</li></ul> |
| Original Estd. Cost                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                             | : Rs. 351400 Lakh                                                                                                                                                                                                 |                 |                        |                |                        |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Latest Est. Cost                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                             | : Rs. 351400 Lakh                                                                                                                                                                                                 |                 |                        |                |                        |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2013-14                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                             | : Rs.7231 Lakh                                                                                                                                                                                                    |                 |                        |                |                        |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2014-15                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                             | : Rs.1513 Lakh                                                                                                                                                                                                    |                 |                        |                |                        |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2015-16                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                             | : Rs.39202 Lakh                                                                                                                                                                                                   |                 |                        |                |                        |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2016-17                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                             | : Rs.1195.8 Lakh                                                                                                                                                                                                  |                 |                        |                |                        |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Total Expenditure(up to 09/ 2016)                                                                                                                                                                                                                                                                                                                                                                                            |                                                                             | :Rs.49141.8 Lakh                                                                                                                                                                                                  |                 |                        |                |                        |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Zero date                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                             | : 30/10/2015                                                                                                                                                                                                      |                 |                        |                |                        |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Main Plant Order                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                             | : 18/01/2014 (EPC) on M/s MEIL & in turn BHEL for BTG.                                                                                                                                                            |                 |                        |                |                        |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Type of fuel                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                             | : COAL Imported coal to be tied up in 6 months.                                                                                                                                                                   |                 |                        |                |                        |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PPA                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                             | :PPA signed with TANGEDCO and approved by TNERC                                                                                                                                                                   |                 |                        |                |                        |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Power Evacuation system                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                             | <ul style="list-style-type: none"><li>• For power evacuation 2x400 Kv line has been approved by <b>TANGEDCO</b> and is to be implemented by <b>TANGEDCO/ TANTRANSCO</b>. The work is yet to be awarded.</li></ul> |                 |                        |                |                        |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <ul style="list-style-type: none"><li>• Main Plant Package Awarded on EPC basis to M/s MEGHA Engg .and Infrastructures Ltd. (“MEIL”) on 18/01/14. M/s MEIL in turn awarded the BTG package to M/s BHEL on 30/10/2015.</li><li>• <b>CPCB &amp; MOE&amp;F</b> Clearances obtained and valid up to 10/11/18 and 03/11/17 respectively.</li><li>• <b>Civil Aviation:</b> Clearances obtained and valid up to 18/12/16.</li></ul> |                                                                             |                                                                                                                                                                                                                   |                 |                        |                |                        |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Critical issues                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                             | Inter-connection & Transmission facilities are by TANGEDCO which is yet to be awarded.                                                                                                                            |                 |                        |                |                        |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reasons for Delay                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                             |                                                                                                                                                                                                                   |                 |                        |                |                        |     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| Sl. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Project Details                                            | Unit No.                                                                          | Capacity (MW) | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------|------------------------|-------|------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                            |                                                                                   |               | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                            |                                                                                   |               | Syn. Comm              | COD   | Syn. Comm              | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Private Sector                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                            |                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tuticorin TPP in Tamil Nadu<br>(Ind. Barath Power Limited) | 1                                                                                 | 660           | 03/12<br>05/12         | 05/12 | 06/17<br>10/17         | 12/17 | <ul style="list-style-type: none"><li>• <b>Boiler:</b> All civil work completed &amp; Boiler erection started.</li><li>• <b>ESP:</b> All civil foundation work completed. Erection started.</li><li>• <b>TG:</b> All civil foundation work completed. Condenser &amp; TG erection works yet to start.</li><li>• <b>Chimney:</b> Awarded to simplex Infrastructure. Foundation raft concreting is in progress.</li><li>• <b>CHP:</b> Order placed on Sokeo Power.</li><li>• <b>AHP:</b> Order placed on Sokeo Power. Drawings under finalization.</li><li>• <b>ACC:</b> Order placed on HAC China. Drawings under finalization. ACC foundation works in progress.</li><li>• M/s Consolidated Construction Consortium Limited have been awarded main plant civil &amp; structural work on 14/12/10. Civil work started</li><li>• <b>WTP:</b> Order placed on Sokeo Power. Engineering works in progress.</li><li>• <b>DM Plant:</b> Technical discussions are in progress.</li><li>• <b>CW system:</b> Order placed on Sokeo Power. Technical specification verification is in progress.</li><li>• <b>FO system:</b> Engineering is under progress.</li><li>• <b>FPS:</b> Foundation works completed. Erection works to start from 01/16.</li><li>• <b>Switchyard:</b> Engineering in progress.</li></ul> |  |
| Original Estd. Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                            | : Rs.359500 Lakh                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Latest Est. Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                            | : Rs.359500 Lakh                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Expenditure during 2010-11                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                            | : Rs. 17000 Lakh                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Expenditure during 2011-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                            | : Rs. 2000 Lakh                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Expenditure during 2012-13                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                            | : Rs. 31000 Lakh                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Expenditure during 2013-14                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                            | : Rs. 9000 Lakh                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Expenditure during 2014-15                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                            | : Rs. 91000 Lakh                                                                  |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Expenditure during 2015-16                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                            | : Rs. 500 Lakh                                                                    |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Total Expenditure(Up to 05/2015)                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                            | : Rs. 2000.00 Crores                                                              |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Approval date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                            | : 10/09/2007                                                                      |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Zero date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                            | : 25/03/2010 / April 2012                                                         |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Financial closure                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                            | : Achieved on 24/02/2011                                                          |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Main Plant Order                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                            | : 28/05/2010 (BTG) on M/s Shandong Runch Power Plant Engg and Technology Limited. |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Type of fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                            | : COAL                                                                            |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| PPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                            | : Participating in the Bids                                                       |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Power Evacuation system                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                            | : BPTA signed with PGCIL on 24/02/2010. LTOA signed with PGCIL on 12/06/2013.     |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| <ul style="list-style-type: none"><li>• <b>Land:</b> Total land of 880 acre acquired</li><li>• <b>Water:</b> Agreement between IBPML and South Ganga was signed on 03/04/10.</li><li>• <b>MOEF:</b> clearance obtained on 12/07/2010.</li><li>• <b>SPCB:</b> Consent obtained on 17/10/2013.</li><li>• <b>Civil Aviation:</b> clearance obtained on 24/08/10</li><li>• <b>PPA:</b> To be executed through case –I bidding.</li><li>• <b>BPTA:</b> signed with PGCIL on 24/02/2010</li></ul> |                                                            |                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Critical issues                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                            |                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| Reasons for Delay                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                            |                                                                                   |               |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |

# Eastern Region

## BROAD STATUS OF THERMAL POWER PROJECTS IN BIHAR

| Sl. No.                 | Project Details                                                                 | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Capacity (MW)                                                                                                                                                                                                                                                        | Commissioning Schedule |     |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |
|-------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----|------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|                         |                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                      | Original               |     | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         |                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                      | Synch Comm             | COD | Syn. Comm              | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
| State Sector            |                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                      |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
| 1.                      | Barauni Extn TPS<br>P.O.: Barauni,<br>Dist: Begusarai Bihar -742237<br>(BSPGCL) | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 250                                                                                                                                                                                                                                                                  | 02/14<br>05/14         |     | 03/17<br>04/17         | 05/17 | <u>Unit-8</u><br>• <b>Boiler:</b> Boiler erection started on 10.12.12. Drum lifted on 05/06/13. Erection of pressure part, ID/FD/PA Fans, APH, piping completed. Erection of mills under progress. Insulation and cladding of boiler and flue gas duct is under progress. HT done on 21/08/14. BLU is expected in 03/17 with contingent scheme of raw water.<br>• <b>ESP:</b> Mechanical erection completed and one stream is ready for use. Another stream of ESP is in progress. Insulation & cladding is under progress<br>• <b>TG:</b> Erection of Condenser & TG started on 15/06/14 and 20/07/14 respectively. TG Boxed up on 31/12/15, final boxup of LP turbine outer casing is pending. TG oil flushing completed. Erection of condenser, BFP, CEP, Heaters and deaerator completed. MS Piping work under progress.<br><u>Unit-9</u><br>• <b>Boiler:</b> Erection started on 21.01.13, Drum lifted on 15.09.13. HT(ND) done on 21.09.14. Erection of pressure parts, APH, ID/FD/PA fans, Coal piping completed. Erection of mills under progress. Insulation and cladding of boiler and flue gas ducts is under progress.<br>• <b>ESP:</b> Mechanical erection completed. Other works are in progress.<br>• <b>TG:</b> Condenser & TG erection started on 12/08/14 and 07/08/14 respectively. TG Boxed up on 30/06/16. Condenser assembly and positioning of water chamber, side plate and bottom plate completed. Neck joint of condenser is to be completed. Heaters erection completed.<br><b>BoPs:</b><br>• <b>Chimney:</b> Completed in all respect including aviation light.<br>• <b>CT:</b> Erection of water distribution system, drift eliminators and equipment completed for IDCT of unit#8 and that of unit#9 is in progress.<br>• <b>CW System:</b> EOT crane erected. Erection of pump and motors is in progress<br>• <b>CHP:</b> Wagon Tippler raft is completed. Heavy water percolation is observed in WT pit. Piling of crusher house completed and structural erection is under progress. Erection of rail track for SCR is completed. Structural erection of TP2 is completed and TP3 is in progress.<br>• <b>AHP:</b> Order for civil work placed on M/s McNally Bharat. Vacuum pump house equipment erection under progress. ASPH building is ready and equipment erection yet to be done. Erection of ash silo under progress. Land for ash dyke is in possession and erection of ash pipe rack work is in progress.<br>• <b>PT Plant:</b> Civil work carried by M/s McNally Bharat. Equipment foundation work is under progress. Clarified water pump house work in progress.<br>• <b>DM plant:</b> Civil work carried by M/s McNally Bharat. Building work in progress. DM tank erection 81.90% completed. Erection of vessels has started.<br>• <b>FOS:</b> HFO & LDO tanks erection completed. LDO & HFO skids placed in FOPH. Internal piping completed FOS is ready for use.<br>• <b>Switchyard:</b> Order of civil works placed on M/s IP Infrapower Pvt. Ltd. 220kV switchyard charged on 01.03.16. Gravel spreading and fencing to be done. |  |  |
|                         |                                                                                 | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 250                                                                                                                                                                                                                                                                  | 04/14<br>07/14         |     | 09/17<br>12/17         | 12/17 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         | Original Estd. Cost                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 3666.06 Cr.                                                                                                                                                                                                                                                      |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         | Latest Est. Cost                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs. 5308.07 Cr                                                                                                                                                                                                                                                      |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         | Expenditure during 2008-09                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 25.00 lakhs                                                                                                                                                                                                                                                      |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         | Expenditure during 2009-10                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 00.00 lakhs                                                                                                                                                                                                                                                      |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         | Expenditure during 2010-11                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 12500.00 lakhs                                                                                                                                                                                                                                                   |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         | Expenditure during 2011-12                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 25958.00 lakhs                                                                                                                                                                                                                                                   |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         | Expenditure during 2012-13                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 68045.00 lakhs                                                                                                                                                                                                                                                   |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         | Expenditure during 2013-14                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 153082.00 lakhs                                                                                                                                                                                                                                                  |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         | Expenditure during 2014-15                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 78352.00 lakhs                                                                                                                                                                                                                                                   |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         | Expenditure during 2015-16                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 92667.00 lakhs                                                                                                                                                                                                                                                   |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         | Expenditure during 2016-17                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 53304.00 lakhs                                                                                                                                                                                                                                                   |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         | Total Expenditure                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 4839.36 Cr (up to 12/16)                                                                                                                                                                                                                                         |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         | Approval date:                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                      |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         | Zero date:                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                | : 11.03.2011                                                                                                                                                                                                                                                         |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         | Financial closure                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                | : Achieved in 2015 with PFC                                                                                                                                                                                                                                          |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         | Main Plant Order                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                | The order for EPC was awarded to M/s BHEL on nomination basis on 11.03.2011                                                                                                                                                                                          |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         | BOP Package                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Order for BOP's placed on<br>• M/s Mc Nally Bharat Engg. Co. Ltd. for CHP on 15.05.12.<br>• M/s Mc Nally Bharat Engg. Co. Ltd. for AHP on 15.05.12.<br>• M/s Gannon Dunkerley & Co. Ltd. for Chimney on 19.04.12<br>• M/s Paharpur Cooling tower for CT on 10.08.13. |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         | Type of fuel                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Coal                                                                                                                                                                                                                                                                 |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
| PPA                     |                                                                                 | Dt 31.12.2010                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                      |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
| Power Evacuation system |                                                                                 | • LILO at Barauni of Begusarai-Biharsarif 220KV D/C done. Power evacuation system expected to be ready by Dec-2015.                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                      |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                         |                                                                                 | • <b>Land:</b> Land acquired. except land required for ash dyke.<br>• <b>Water Allocation:</b> Approval for 60 cusec water from River Ganga has been obtained from Irrigation Department, Govt. of Bihar. Approval for 45 cusec water from River Ganga has also been received from Central Water Commission.<br>• <b>MOE&amp;F Clearance:</b> MoE&F clearance obtained on 08.05.14.<br>• <b>Civil Aviation Clearance:</b> Aviation clearance obtained from AAI |                                                                                                                                                                                                                                                                      |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
| Critical issues         |                                                                                 | 1. Construction of Ash dyke, Railway siding, Readiness of CHP, Intake Water System, DM & PT Plant                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                      |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
| Reasons for Delay       |                                                                                 | 1. Acquisition of land for laying water pipeline from river Ganga to power plant and Ash Dyke area<br>2. Drainage facility for seepage water from Wagon Tippler area<br>3. Readiness of Raw Water Svstem and DM plant                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                      |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |

| Sl. No.                 | Project Details                                                      | Unit                                                                                                                                                                                                                                                                                                                                                                          | Capacity (MW)                                 | Commissioning Schedule |     |                        |      | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
|-------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------|-----|------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                         |                                                                      |                                                                                                                                                                                                                                                                                                                                                                               |                                               | Original               |     | Actual(A)/ As Expected |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                         |                                                                      |                                                                                                                                                                                                                                                                                                                                                                               |                                               | Synch Comm             | COD | Syn. Comm              | COD  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Private Sector          |                                                                      |                                                                                                                                                                                                                                                                                                                                                                               |                                               |                        |     |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| 2.                      | Siriya TPP<br>(JAS INFRA)<br>Village.: Siriya,<br>Dist.: Banka Bihar | 1                                                                                                                                                                                                                                                                                                                                                                             | 660                                           | 08/14                  |     | Uncertain              | ---- | <b>Unit-1:</b><br>Boiler: Civil foundation of boiler, ESP & Chimney completed. Civil foundation of PHB & Mill-Bunker building under progress. 2730 MT Structural Steel in PHB erected. Fabrication of 9000MT Structural steel completed.<br><b>Unit-2:</b><br><b>Boiler:</b> Boiler foundation work was started.<br><b>Unit-3:</b> Civil works yet to start.<br><b>Unit-4:</b> Civil works yet to start<br><br><b>Presently no work is in progress at site.</b> |  |
|                         |                                                                      | 2                                                                                                                                                                                                                                                                                                                                                                             | 660                                           | 12/14                  |     | Uncertain              | ---- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                         |                                                                      | 3                                                                                                                                                                                                                                                                                                                                                                             | 660                                           | 04/15                  |     | Uncertain              | ---- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                         |                                                                      | 4                                                                                                                                                                                                                                                                                                                                                                             | 660                                           | 08/15                  |     | Uncertain              | ---- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                         | Original Estd. Cost                                                  |                                                                                                                                                                                                                                                                                                                                                                               | :Rs 11,120.00 Cr.                             |                        |     |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                         | Latest Est. Cost                                                     |                                                                                                                                                                                                                                                                                                                                                                               | : Not Avialable                               |                        |     |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                         | Expenditure during 2013-14                                           |                                                                                                                                                                                                                                                                                                                                                                               | Not Avialable                                 |                        |     |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                         | Expenditure during 2014-15                                           |                                                                                                                                                                                                                                                                                                                                                                               |                                               |                        |     |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                         | Expenditure during 2015-16                                           |                                                                                                                                                                                                                                                                                                                                                                               |                                               |                        |     |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                         | Total Expenditure                                                    |                                                                                                                                                                                                                                                                                                                                                                               | : Not Avialable                               |                        |     |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                         | Approval date:                                                       |                                                                                                                                                                                                                                                                                                                                                                               |                                               |                        |     |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                         | Zero date:                                                           |                                                                                                                                                                                                                                                                                                                                                                               | : 30.03.2011                                  |                        |     |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                         | Financial closure                                                    |                                                                                                                                                                                                                                                                                                                                                                               | :                                             |                        |     |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                         | Main Plant Order                                                     |                                                                                                                                                                                                                                                                                                                                                                               | M/s Dongfang Electric Corporation Ltd., China |                        |     |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                         | BOP Package                                                          |                                                                                                                                                                                                                                                                                                                                                                               |                                               |                        |     |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                         | Type of fuel                                                         |                                                                                                                                                                                                                                                                                                                                                                               | Coal                                          |                        |     |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                         | PPA                                                                  |                                                                                                                                                                                                                                                                                                                                                                               |                                               |                        |     |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Power Evacuation system |                                                                      |                                                                                                                                                                                                                                                                                                                                                                               |                                               |                        |     |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                         |                                                                      | <ul style="list-style-type: none"><li>• <b>MOE&amp;F Clearance:</b> MOE&amp;F Clearance received vide letter NO. J-13012/89/2008-IA. II(T) dated 29.06.2011</li><li>• <b>SPCB Clearance:</b> NOC for consent to establishment obtained from BSPCB.</li><li>• <b>Civil Aviation Clearance:</b> Aviation Clearance has been obtained from Airport Authority of India.</li></ul> |                                               |                        |     |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Critical issues         |                                                                      |                                                                                                                                                                                                                                                                                                                                                                               |                                               |                        |     |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Reasons for Delay       |                                                                      |                                                                                                                                                                                                                                                                                                                                                                               |                                               |                        |     |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |

## BROAD STATUS OF THERMAL POWER PROJECTS IN JHARKHAND

| Sl. No.                 | Project Details                                                                                                                                    | Unit                                                                                                                  | Capacity (MW)                                                                                                                                                                                                                                                                                 | Commissioning Schedule |       |                        |     | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|------------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                         |                                                                                                                                                    |                                                                                                                       |                                                                                                                                                                                                                                                                                               | Original               |       | Actual(A)/ As Expected |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                         |                                                                                                                                                    |                                                                                                                       |                                                                                                                                                                                                                                                                                               | Synch Comm             | COD   | Syn. Comm              | COD |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| State Sector            |                                                                                                                                                    |                                                                                                                       |                                                                                                                                                                                                                                                                                               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| 1.                      | Matri Shri UshaTPP<br>M/s Corporate Power Ltd.<br>Distt. Latehar<br>Jharkhand                                                                      | 1                                                                                                                     | 270                                                                                                                                                                                                                                                                                           | 03/12<br>04/12         | 05/12 | Uncertain              |     | <b>Phase-I</b><br><b>Unit-1:</b> <ul style="list-style-type: none"><li><b>Boiler:</b> Erection started on <b>05/10/10</b>. Boiler drum lifted on <b>31/03/11</b>. <b>HT</b> done on <b>28/12/11</b>. Erection of 3/6 bunker completed.</li><li><b>ESP:</b> ESP is ready</li><li><b>TG:</b> condenser erection started on 25/05/11, Turbine erection started 15/6/11. <b>TG</b> boxed up in <b>10/12</b>.</li></ul><br><b>Unit-2:</b> <ul style="list-style-type: none"><li><b>Boiler:</b> Erection started on 19/12/10. Boiler drum lifted on <b>19/07/11</b>. <b>HT</b> completed on <b>10/12</b>.</li><li><b>ESP:</b> ESP is ready</li><li><b>TG:</b> condenser erection started on 24/08/11, Tube insertion is under progress Turbine erection started 13/10/11. HPT &amp; IPT placed on the deck.</li></ul><br><b>Phase-II</b><br><b>Unit-3:</b> <ul style="list-style-type: none"><li><b>Boiler:</b> Erection started on 06/11. Boiler drum lifted on <b>12/11</b></li><li><b>ESP</b></li></ul> <b>TG:</b> TG erection started in 10/12.<br><br><b>Unit-4:</b> <ul style="list-style-type: none"><li><b>Boiler:</b> Erection started on 07/11. Boiler drum lifted on 04/12</li><li><b>ESP:</b></li><li><b>TG:</b> TG deck is ready.</li></ul><br><b>BoPs:</b> <ul style="list-style-type: none"><li><b>Chimney:</b> Completed in all respect</li><li><b>CHP-</b> 98% structure erection completed</li><li><b>AHP-</b> FA silo completed. Erection of Bottom Ash Hopper completed.</li><li>Station transformer &amp; Unit Transformers and associated systems is in ready. Generator Transformer is placed on foundation.</li><li><b>ATS</b> balance work is to be taken up after stage – II Forests clearance is obtained.</li><li>PT plant, DM plant, CW system, Fire protection system Fuel oil system &amp; Switch yard completed.</li></ul> |  |
|                         |                                                                                                                                                    | 2                                                                                                                     | 270                                                                                                                                                                                                                                                                                           | 04/12<br>05/12         | 06/12 | Uncertain              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                         |                                                                                                                                                    | 3                                                                                                                     | 270                                                                                                                                                                                                                                                                                           | 09/12<br>10/12         | 10/12 | Uncertain              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                         |                                                                                                                                                    | 4                                                                                                                     | 270                                                                                                                                                                                                                                                                                           | 12/12<br>01/13         | 01/13 | Uncertain              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                         | Original Estd. Cost                                                                                                                                |                                                                                                                       | Ph.-I: Rs. 2900.00 Cr, Ph.-II: Rs.3182.00 Cr                                                                                                                                                                                                                                                  |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                         | Latest Est. Cost                                                                                                                                   |                                                                                                                       |                                                                                                                                                                                                                                                                                               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                         | Expenditure during 2008-09<br>Expenditure during 2009-10<br>Expenditure during 2010-11<br>Expenditure during 2011-12<br>Expenditure during 2012-13 |                                                                                                                       | Ph-I - .312000 Lakh Rs ( upto 11/12)<br>Ph-II - 220700 Lakh Rs. ( upto 9/12)                                                                                                                                                                                                                  |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                         | Total Expenditure                                                                                                                                  |                                                                                                                       | Ph-I - Rs. 3120 Crores<br>Ph-II - Rs. 2207 Crores                                                                                                                                                                                                                                             |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                         | Approval date:                                                                                                                                     |                                                                                                                       |                                                                                                                                                                                                                                                                                               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                         | Zero date:                                                                                                                                         |                                                                                                                       | 09/2009 for Phase-I<br>12/2009 for Phase-II                                                                                                                                                                                                                                                   |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                         | Financial closure                                                                                                                                  |                                                                                                                       | 05/12/2009 for Phase-I with REC<br>28/03/2011 for Phase-II.                                                                                                                                                                                                                                   |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                         | Main Plant Order                                                                                                                                   |                                                                                                                       | Letter of Acceptance for Main Plant Order (EPC) issued to M/s BHEL on 09/2009.                                                                                                                                                                                                                |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                         | BOP Package                                                                                                                                        |                                                                                                                       | Order for BOP’s placed on <ul style="list-style-type: none"><li>M/s Energo Engg. Projects. Ltd. for CHP on 06.05.10.</li><li>M/s DCIPS. for AHP on 08.10.10.</li><li>M/s Simplex Infrastructure Ltd. for Chimney on 03.05.10</li><li>M/s Paharpur Cooling tower for CT on 04.05.10.</li></ul> |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                         | Type of fuel                                                                                                                                       |                                                                                                                       | Coal                                                                                                                                                                                                                                                                                          |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                         | PPA                                                                                                                                                |                                                                                                                       | PPA executed with Lanco Trading Co. in April 2010                                                                                                                                                                                                                                             |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Power Evacuation system |                                                                                                                                                    | LILO at Barauni of Begusarai-Biharsarif 220KV D/C done. Power evacuation system expected to be ready by Dec-2015.     |                                                                                                                                                                                                                                                                                               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|                         |                                                                                                                                                    |                                                                                                                       |                                                                                                                                                                                                                                                                                               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Critical issues         |                                                                                                                                                    | 1.Associated Transmission System for a short distance is to be taken up after Stage-II forest clearance is obtained.  |                                                                                                                                                                                                                                                                                               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Reasons for Delay       |                                                                                                                                                    | Work held up due to payment issue to BHEL since 11/12. Commissioning Schedule will be assessed after restart of work. |                                                                                                                                                                                                                                                                                               |                        |       |                        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |

| Sl. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Project Details                                                               | Unit                                                                                                                                                                                                                                                                                                                                                              | Capacity (MW)             | Commissioning Schedule                                                             |                                                      |                                             |     | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                               |                                                                                                                                                                                                                                                                                                                                                                   |                           | Original                                                                           |                                                      | Actual(A)/ As Expected                      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                               |                                                                                                                                                                                                                                                                                                                                                                   |                           | Synch Comm                                                                         | COD                                                  | Syn. Comm                                   | COD |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Private Sector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                               |                                                                                                                                                                                                                                                                                                                                                                   |                           |                                                                                    |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Tori TPP Essar Power (Jharkhand) Ltd. Distt. Angarha Latehar Jharkhand</b> | Ph-I<br>1<br><br>2<br><br>Ph-II<br>3                                                                                                                                                                                                                                                                                                                              | 600<br><br>600<br><br>600 | <b>05/12<br/>07/12</b><br><br><b>08/12<br/>09/12</b><br><br><b>10/15<br/>12/15</b> | <b>07/12</b><br><br><b>10/12</b><br><br><b>12/15</b> | Uncertain<br><br>Uncertain<br><br>Uncertain |     | <b>Phase-I</b><br><b>Unit-1:</b> <ul style="list-style-type: none"><li>Boiler: Boiler erection started in 04/12.</li><li>ESP: Foundation work completed.</li><li>TG Civil work started in 15.12.11; hall foundation completed. TG building structural fabrication completed.</li></ul> <b>Unit-2</b> <ul style="list-style-type: none"><li>Boiler: Erection started in 15/12/13</li><li>ESP: Foundation work completed.</li><li>TG: TG civil work started on 15/12/13.</li></ul> <b>Phase-II</b><br><b>Unit-3</b> –Work not yet started. |
| <b>Original Estd. Cost</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                               | : Rs.570000 Lakh Rs. 250000 Lakh                                                                                                                                                                                                                                                                                                                                  |                           |                                                                                    |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Latest Est. Cost</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                               | :                                                                                                                                                                                                                                                                                                                                                                 |                           |                                                                                    |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2009-10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                               | Phase-I                                                                                                                                                                                                                                                                                                                                                           |                           | Phase-II                                                                           |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2010-11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                               | : Rs 10641 Lakh                                                                                                                                                                                                                                                                                                                                                   |                           | Rs. Nil                                                                            |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2011-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                               | : Rs. 42437 Lakh                                                                                                                                                                                                                                                                                                                                                  |                           | Rs. 2825 Lakh                                                                      |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2012-13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                               | : Rs.162489 Lakh                                                                                                                                                                                                                                                                                                                                                  |                           | Rs. 13845 Lakh                                                                     |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2013-14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                               | : Rs. 32446 Lakh                                                                                                                                                                                                                                                                                                                                                  |                           | Rs. 3172 Lakh                                                                      |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2014-15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                               | : Rs. 96502 Lakh                                                                                                                                                                                                                                                                                                                                                  |                           | Rs. 4760 Lakh                                                                      |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Expenditure during 2015-16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                               | : Rs. 43838 Lakh                                                                                                                                                                                                                                                                                                                                                  |                           | Rs. 63 Lakh                                                                        |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Total Expenditure</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                               | <b>Ph-I: Rs.3883.53 Cr. (till 6/15) with ICICI</b><br><b>Ph-II: Rs.246.65 Cr(till 3/15)</b>                                                                                                                                                                                                                                                                       |                           |                                                                                    |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Approval date:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                               |                                                                                                                                                                                                                                                                                                                                                                   |                           |                                                                                    |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Zero date:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                               |                                                                                                                                                                                                                                                                                                                                                                   |                           |                                                                                    |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Financial closure</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                               | Achieved                                                                                                                                                                                                                                                                                                                                                          |                           |                                                                                    |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Main Plant Order</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                               | Ph-I:<br>18/08/2008 - Main plant Civil & Structural work on Essar Projects (I) Ltd.<br>BTG on M/s Harbin Power (HPE) Engineering, China in 11/ 2008<br>Ph-II:<br>Main plant Civil works on EPI Ltd on 26/02/2010 BTG on HPE                                                                                                                                       |                           |                                                                                    |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>BOP Package</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                               | Order for BOP's placed on <ul style="list-style-type: none"><li>M/s Mc Nally Bharat Engg. Co. Ltd. And Elecon Engg. For CHP on 22.09.10 &amp; 31.08.10.</li><li>M/s Mc Nally Bharat Engg. Co. Ltd. for AHP on 15.09.11.</li><li>M/s Essar Projects India Ltd. for Chimney on 18.08.10</li><li>M/s SPIG Cooling tower India Pvt. Ltd for CT on 19.11.10.</li></ul> |                           |                                                                                    |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Type of fuel</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                               | COAL                                                                                                                                                                                                                                                                                                                                                              |                           |                                                                                    |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>PPA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                               | 1.450MW+300MW with BSEB<br>2.PPA signed with JSEB for 12% of the total power generated at variable cost under MoU route<br>3. Draft PPA submitted to JUVNL for 13% of the total power generated at JSERC rates under MoU route.                                                                                                                                   |                           |                                                                                    |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Power Evacuation system</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                               | BPTA signed with PGCIL and bay agreement executed. PGCIL is setting up 400KV substation near the project.                                                                                                                                                                                                                                                         |                           |                                                                                    |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <ul style="list-style-type: none"><li>Land 1210 acres of land required for both the Phases I&amp;II of (2x600 +1x600 MW) is available.</li><li>BOPs are common for both units.</li><li>MOEF clearance already available for U-I of Phase-I. Clearance for U-2 of Phase-I and U-3 of Phase-II received vide MOEF letter dated 14.11.2013.</li><li>Civil Aviation Clearance: NOC for height of chimney is valid till 21.07.2020</li><li>SPCB: Clearance obtained from JSPCB is valid till 31.03.2016</li><li>Coal: Due non availability of MOEF clearance for the Chakla &amp; Ashok Karkatta coal block allotted to this project it is proposed to import coal from Indonesia &amp; Australia for the time being.</li><li>Water Source of water is from Damodar and Amanat rivers which are 20 &amp;30 KMs from the site.</li></ul> |                                                                               |                                                                                                                                                                                                                                                                                                                                                                   |                           |                                                                                    |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Critical issues</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                               | Mega Power Project status is yet being issued from MoP due to which 97% imported main plant equipment are lying at site/ Port. Tapering coal linkage.                                                                                                                                                                                                             |                           |                                                                                    |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <ul style="list-style-type: none"><li>Reasons for Delay</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                               | Reasons for Delay:- Delay in MoE&F Clearance (14.11.2013 for U2 & U3), Change of design in water cooled condenser to air cooled condenser due to water availability issue, Law & order issue, delay in grant of Mega power project status, cancellation of coal block and non-availability of tapering / long term coal linkage etc.                              |                           |                                                                                    |                                                      |                                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

## BROAD STATUS OF THERMAL POWER PROJECTS IN ODISHA

| Sl. No.                    | Project Details                                                  | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Capacity (MW) | Commissioning Schedule |     |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|----------------------------|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|-----|------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                            |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               | Original               |     | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                            |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               | Synch Comm             | COD | Syn. Comm              | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| State Sector               |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| 1.                         | Ib Valley TPP<br>Village : Banaharpalli, Dist: Jharsaguda (OPGC) | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 660           | 08/17<br>09/17         |     | 09/17<br>10/17         | 10/17 | <b>Unit-3:</b> <ul style="list-style-type: none"><li><b>Boiler:</b> Erection started on 20.1.2015. <b>Boiler structural</b> erection completed (10416 MT).7300 Nos. of Pressure parts joints completed. Foundation for Bunker structure, ID fan and Mills completed and erection in progress. HT expected in 08/17.</li><li><b>ESP:</b>.5223 MT Structural erection completed. All pass erection in progress. Civil work for ESP control room is underway for unit-3.</li><li><b>TG:</b> Deck casting completed. TG erection started on 30.07.2016. Turbine HP and IP module placed, alignment and matching in progress. Condenser erection started on 30.03.16. EOT commissioned. TDBFP erection are in progress.</li></ul> <b>Unit-4:</b> <ul style="list-style-type: none"><li><b>Boiler:</b> erection started on 29.05.2015. Boiler <b>structural</b> erection completed (10547 MT). 5146 Nos. of Pressure welding joints completed. HT expected in 09/17.</li><li><b>ESP:</b> ESP foundation work completed. <b>Structural erection</b> completed 5000 MT (Pass A, B&amp; C in progress).</li><li><b>TG:</b> Deck casting completed. PHB structural erection (6230 MT) in progress. Condenser and TG erection yet to start.</li></ul> <b>BoPs:</b> <ul style="list-style-type: none"><li><b>Chimney:</b> Shell concreting completed up to 269m, Fabrication of flue cans in progress.</li><li><b>CHP:</b> Foundation of JTs, Crusher house completed and that of ERH, stacker reclaimar, Tresles &amp; Track hopper is in progress. Structural erection of Crusher house, TPs and Galleries are in progress.</li><li><b>AHP:</b> Civil works of surge hoppers, Silos, Ash water &amp; slurry PH, Ash route pipe civil work are in progress.</li><li><b>PT Plant:</b> RW pipe laying in progress. Civil works of clarifiers A &amp; B, Chemical house and Clarified storage tank in progress. Chlorination building civil work in progress.</li><li><b>DM Plant:</b> Civil work completed. Mechanical and Electrical erection is in progress.</li><li><b>CW System:</b> CW pipe laying in progress. CWP, fore-bay &amp; channel and Chlorination building civil works in progress.</li><li><b>Fire Protection System:</b> Pump house: Civil work completed, pumps erection done, piping work in progress. One fire water storage tank completed and 2<sup>nd</sup> tank erection in progress. Fire hydrant and spray pipe laying work in progress.</li><li><b>FO System:</b> Foundation completed and HFO tank erection is in progress. Fuel oil pump house civil works in progress.</li><li><b>CT:</b> IDCT 3: Deck slab civil work is in progress. Fills erection and Fan erection is in progress. IDCT 4: RCC columns, beams up to deck level and deck slab in progress.</li><li><b>Switchyard:</b> All major civil work and erection of gantry completed.</li></ul> |  |
|                            |                                                                  | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 660           | 12/17<br>01/18         |     | 12/17<br>01/18         | 02/18 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Original Estd. Cost        |                                                                  | :Rs 11965.00 Cr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Latest Est. Cost           |                                                                  | : Rs. 11965.00 Cr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Expenditure during 2013-14 |                                                                  | Rs 68690 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Expenditure during 2014-15 |                                                                  | :Rs 56887 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Expenditure during 2015-16 |                                                                  | :Rs 108659 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Expenditure during 2016-17 |                                                                  | :Rs 130263.46 lakhs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Total Expenditure          |                                                                  | :Rs 3644.99 Cr (up to 11/16)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Approval date:             |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Zero date:                 |                                                                  | : 26.03.2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Financial closure          |                                                                  | : Achieved on 23.11.2012 (PFC and REC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Main Plant Order           |                                                                  | : NTP issued in 03/2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| BOP Package                |                                                                  | BTG order placed on M/s BHEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Type of fuel               |                                                                  | Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| PPA                        |                                                                  | : PPA: 50% of the power generated shall be sold to GRIDCO through a long term PPA based on CERC norms and balance 50% will be sold through mix of long term PPA (Case-1 bids) and short / medium term sales.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Power Evacuation system    |                                                                  | Power evacuation through 2xD/C 400KV transmission lines, one going to OPTCL's 400kV substation at Lapang and other to PGCIL's 400KV pooling station. Signed on 11.09.2013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                            |                                                                  | <ul style="list-style-type: none"><li><b>LAND:</b> Required land is in possession of OPGC except the 361 acre of land for ash pond which is in advance stage of possession.</li><li><b>MOEF:</b> EC was granted on 04.02.2010, amended on 22.01.2014 and validity extended on 16.1.2015.</li><li><b>Coal linkage:</b> Coal will be sourced from Manoharpur &amp; Dip side Manoharpur allocated to OCPL, A JV subsidiary company of OPGC.</li><li><b>WATER:</b> Agreement signed with water resource department on 26.08.2013</li><li><b>SPCB:</b> Consent to establish was granted from OSPCB on 04.02.2010</li><li><b>CIVIL Aviation:</b> Clearance obtained from AAI on 15.03.2010</li></ul> |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Critical issues            |                                                                  | ---                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Reasons for Delay          |                                                                  | ---                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                        |     |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |

| Sl. No.           | Project Details                                                            | Unit                                                                                                                                                                                                                                                                                                                                                          | Capacity (MW)                                                     | Commissioning Schedule |       |                        |          | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|-------------------|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------|-------|------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                   |                                                                            |                                                                                                                                                                                                                                                                                                                                                               |                                                                   | Original               |       | Actual(A)/ As Expected |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   |                                                                            |                                                                                                                                                                                                                                                                                                                                                               |                                                                   | Synch Comm             | COD   | Syn. Comm              | COD      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Private Sector    |                                                                            |                                                                                                                                                                                                                                                                                                                                                               |                                                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| 2.                | Ind Barath TPP<br>M/s Ind-Barath Energy (Utkal) Ltd.<br>(Distt-Jharsuguda) | 1                                                                                                                                                                                                                                                                                                                                                             | 350                                                               | 07/11<br>09/11         | 10/11 | 18.06.15<br>25.02.16   | 20.07.16 | <b>Unit-1:</b> <ul style="list-style-type: none"><li>Boiler: Boiler erection started in 01/11, Erection of feeders &amp; tripper, all bunkers &amp; Liners erection and mills completed. SBO completed on 15.12.14. Drum lifted on 30.5.11, HT completed on 24.05.12. BLU completed on 9.01.15.</li><li>ESP: work completed</li><li>TG: TG erection commenced in 5/12. TG boxed up on 23.05.14, Oil flushing completed on 10.10.14. Unit synchronized on 18.06.15, Full load achieved on 25.02.16. COD declared on 20.07.2016.</li></ul> <b>Unit-2:</b> <ul style="list-style-type: none"><li>Boiler: Boiler erection started in 05/11, Drum lifted on 26.12.11. HT(D) completed on 20.05.14. BLU expected in 02/17 after changing the burners.</li><li>ESP: Erection completed insulation &amp; cladding of ESP and hot gas ducts is in progress.</li><li>TG: TG erection started in 09/12.Erection of TG &amp; condenser completed.TG boxed up to be re-inspected and final Box up expected in 02/17. Re-inspection &amp; Oil flushing for barring gear expected in 03/17.</li></ul><br><b>BoPs:</b> <ul style="list-style-type: none"><li>Chimney: Completed for both the units.</li><li>CHP: structural erection completed and electrical work in progress, Track hopper completed, Bunker, coal feeder and mills erection completed. Tripper erection completed</li><li>AHP: U-2 BAH expected in 01/17 and F/A system completion expected in 03/17.</li><li>CT: completed for U-1 and that for U-2 is in progress.</li><li>PT Plant: completed</li><li>DM plant: Ready to use., already functional for U-1.</li><li>CW system: Already functioning for U-1.</li><li>FO System: for U-1 &amp; U-2 completed.</li><li>Switchyard: completed in all respect and being used for evacuation of power from U-I.</li></ul> |  |
|                   |                                                                            | 2                                                                                                                                                                                                                                                                                                                                                             | 350                                                               | 10/11<br>12/11         | 12/11 | 03/17<br>04/17         | 05/17    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Original Estd. Cost                                                        |                                                                                                                                                                                                                                                                                                                                                               | :Rs 3150.00 Cr.                                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Latest Est. Cost                                                           |                                                                                                                                                                                                                                                                                                                                                               | : Rs. 4001.00 Cr                                                  |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Expenditure during 2010-11                                                 |                                                                                                                                                                                                                                                                                                                                                               | :Rs 100000 lakhs                                                  |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Expenditure during 2011-12                                                 |                                                                                                                                                                                                                                                                                                                                                               | :Rs 85000 lakhs                                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Expenditure during 2012-13                                                 |                                                                                                                                                                                                                                                                                                                                                               | :Rs 110000 lakhs                                                  |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Expenditure during 2013-14                                                 |                                                                                                                                                                                                                                                                                                                                                               | :Rs 47000 lakhs                                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Expenditure during 2014-15                                                 |                                                                                                                                                                                                                                                                                                                                                               | :Rs 54800 lakhs                                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Expenditure during 2015-16                                                 |                                                                                                                                                                                                                                                                                                                                                               | :Rs 26200 lakhs                                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Expenditure during 2016-17                                                 |                                                                                                                                                                                                                                                                                                                                                               | :Rs 2100 lakhs                                                    |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Total Expenditure                                                          |                                                                                                                                                                                                                                                                                                                                                               | :Rs 4251.00 Cr (up to 12/16)                                      |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Approval date:                                                             |                                                                                                                                                                                                                                                                                                                                                               | 29.03.2010                                                        |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Zero date:                                                                 |                                                                                                                                                                                                                                                                                                                                                               | : 16.05.2009                                                      |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Financial closure                                                          |                                                                                                                                                                                                                                                                                                                                                               | : FC achieved on 14.05.2008 with M/s Axis Bank Ltd.               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Main Plant Order                                                           |                                                                                                                                                                                                                                                                                                                                                               | : Cethar Vessel(16.05.2009) Chinese                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | BOP Package                                                                |                                                                                                                                                                                                                                                                                                                                                               | Awarded to punj Lloyd on 07.01.2010                               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Type of fuel                                                               |                                                                                                                                                                                                                                                                                                                                                               | Coal and Fuel Linkage MCL                                         |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | PPA                                                                        |                                                                                                                                                                                                                                                                                                                                                               | PPA signed with GRIDCO on 14.9.09 & TNEB on 8.8.13.               |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   | Power Evacuation system                                                    |                                                                                                                                                                                                                                                                                                                                                               | Bulk Power Transmission Agreement (BPTA) with PGCIL in 24.02.2010 |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|                   |                                                                            | <ul style="list-style-type: none"><li>Land: Required land acquired</li><li>MOEF: Clearance of MOEF has been obtained on 30.11.2009</li><li>Water: Approval to draw water from Mahanadi river obtained on 23.02.2008</li><li>SPCB: Clearance obtained from Orissa SPCB on 13.08.2010</li><li>Civil Aviation: Clearance obtained from AAI on 14.07.09</li></ul> |                                                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Critical issues   |                                                                            | 1.Non readiness of CHP & AHP and ATS for Unit-2<br>2. Completion of bottom ash hopper                                                                                                                                                                                                                                                                         |                                                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Reasons for Delay |                                                                            | 1.Very slow progress of civil work<br>2.Supply of main Plant material<br>3.Readiness of power evacuation system<br>4.Completion of firing guns/burners due to technical problem in design.                                                                                                                                                                    |                                                                   |                        |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |

| Sl. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Project Details                                                    | Unit                                                                                                                                                                                                                                                                                                                                                | Capacity (MW) | Commissioning Schedule |       |                        |        | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                    |                                                                                                                                                                                                                                                                                                                                                     |               | Synch Comm             | COD   | Syn. Comm              | COD    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
| Private Sector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                    |                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
| 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lanco Babandh TPP (Distt-Dhenkanal) (M/s Lanco Babandh Power Ltd.) | 1                                                                                                                                                                                                                                                                                                                                                   | 660           | 02/13<br>04/13         | 05/13 | 11/17<br>02/18         | 03//18 | <b>Unit-1</b><br><b>Boiler:</b> Boiler erection started in 05/11. Main structural erection completed. Boiler Pressure parts erection, Enclosure wall erection are in progress. Erection of burner, mills, APH and bunker is in progress.<br><b>ESP:</b> 58% structural erection completed. All hoppers erected. Pass-A collecting electrode erection completed and Pass B electrode erection is in progress. Pass-A outlet and Inlet funnel erection completed.<br><b>TG:</b> Deck casting completed. Both EOT cranes commissioned.TG erection started in 11/15. HPT, IPT & LPT are not received at site. HPH & LPH erection completed. Foundation of MDBFP#1 & CEP#1 completed. Condenser erection is in progress.<br><b>Unit-2</b><br><b>Boiler:</b> Erection started in 9/11. All ceiling girders erected. Handrails and Platforms work completed at various levels. Burner erection is in progress. Preparatory work for Pressure part erection is in progress.<br><b>ESP:</b> 41% of structural erection completed. Hopper erection is in progress. Pass A-2/9 Collecting electrode erection completed. Pass C- hopper assembly erection and casing wall assembly work completed.<br><b>TG:</b> EOT crane commissioned. Columns upto deck bottom completed, MDBFP#2 foundation completed. CEP & CW Pit #2 raft completed and wall reinforcement in progress.<br><b>BoPs:</b><br>• <b>Chimney:</b> 252/270m shell construction completed. Flue can fabrication has started.<br>• <b>CT:</b> FRP Cooling tower awarded to Paharpur. <b>IDCT#1</b> 305/454 raft footing work completed. 275/481 nos column completed. Excavation upto 70% completed for IDCT#2 and raft footing work is in progress.<br>• <b>CHP:</b> Track hopper raft and both side walls completed. Crusher house foundation work completed. Stacker reclaimr footing raft completed. Column and beams casting works are in progress. JT's foundation work completed. Crusher house civil work completed.<br>• <b>AHP:</b> Foundation of BAH#1 completed. Raft footing completed and wall final lift is in progress for ASPH. Ash silo raft#1 completed. 8/26 nos. footing completed for Ash compressor house building<br>• <b>PT/DM plant:</b> Foundation work completed. DM building structure erection completed and equipment erection in progress. Clarifloculator ring wall in progress. DM tank-1 erection completed and that of DM tank-2 is in progress.<br>• <b>FO system:</b> 2LDO + 2HFO fuel oil tanks erection completed. LDO-2 water fill test completed.<br>• <b>Switch yard:</b> Erection of 23 towers completed. S/Y equipment received at site. Structural erection in switchyard is in progress. Control room building brick work completed and preparation for slab casting has started.<br><b>Work almost held up due to financial constraint presently</b> |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                    | 2                                                                                                                                                                                                                                                                                                                                                   | 660           | 06/13<br>08/13         | 09/13 | 05/18<br>08/18         | 09/18  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Original Estd. Cost                                                | :Rs. 6930.00 Cr.                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Latest Est. Cost                                                   | :Rs. 10430.00 Cr                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Expenditure during 2010-11                                         | Rs. 135000 lakhs                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Expenditure during 2011-12                                         | :Rs. 214100 lakhs                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Expenditure during 2012-13                                         | :Rs. 78400 lakhs                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Expenditure during 2013-14                                         | :Rs. 54700 lakhs                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Expenditure during 2014-15                                         | :Rs. 62200 lakhs                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Expenditure during 2015-16                                         | :Rs. 128000 lakhs                                                                                                                                                                                                                                                                                                                                   |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Expenditure during 2016-17                                         | :Rs. 65700 lakhs                                                                                                                                                                                                                                                                                                                                    |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Total Expenditure                                                  | :Rs. 7381.00 Cr(up to 11/16)                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Zero date:                                                         | : 17.11.2009                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Financial closure                                                  | : Achieved on 08.09.2010                                                                                                                                                                                                                                                                                                                            |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Main Plant Order                                                   | Main plant order placed on Lanco Infaratec Ltd. On 17/11/2009, Boiler: DEC China, TG: HEC China.                                                                                                                                                                                                                                                    |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | BOP Package                                                        | BOPs to LTTL                                                                                                                                                                                                                                                                                                                                        |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Type of fuel                                                       | Coal                                                                                                                                                                                                                                                                                                                                                |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PPA                                                                | Revised PPA signed with GRIDCO, Odisha for 25% power sale on 4.01.11. LBPL signed PPA with UPPCL for 454MW on 08.08.13 & with RVPNL for 374MW on 01.11.13.                                                                                                                                                                                          |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Power Evacuation system                                            | BPTA signed with PGCIL for 1600 MW on 24.02.10(Revised to 800MW as per CERC order). 25KM of transmission line is planned for power evacuation from LBPL project to PGCIL Angul pooling station. The power shall be evacuated at 400KV level through 1 D/C quad Moose transmission conductor. Section 68 and Section 164 approval received from MoP. |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
| <ul style="list-style-type: none"><li>• <b>Land:</b> 889 acres out of 933 acres’ land acquired. (95%)</li><li>• <b>MoE&amp;F:</b> Clearances obtained on 17.02.10 and is valid upto 31<sup>st</sup> Mar 2017</li><li>• <b>Forest:</b> II-Stage clearance received on 31.12.13 from MoEF</li><li>• <b>Water:</b> Principle approval received for 40 cusecs water for U-1 &amp;U-2 on 07.02.09. Renewal received on 18<sup>th</sup> Jan’16</li><li>• <b>Coal linkage:</b> Coal linkage for U-1 received on 29.12.08 for 2.83MTPA. FSA has been executed with MCL on 26.04.16.</li><li>• <b>SPCB:</b> NOC obtained on 20.05.09 from Odisha SPCB and it is valid till 19.05.19</li><li>• <b>Civil Aviation:</b> NOC obtained on 03.09.08 and valid till 02.09.2020</li></ul> |                                                                    |                                                                                                                                                                                                                                                                                                                                                     |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
| Critical issues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                    | 1. Work was held up due to financial constraints, now the work restarted. 2.Acquisition of Ash pond and corridor land. 3. Transfer of Govt. land to the project.4.LBPL has requested MoC/MoP to grant normal Linkage in lieu of cancellation of Rampia Coal Mine for Unit#2                                                                         |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
| Reasons for Delay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                    | Work <b>almost</b> held up due to financial constraint presently.                                                                                                                                                                                                                                                                                   |               |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |

| Sl. No.           | Project Details                                    | Unit             | Capacity (MW)                                                                                                                                                                                                                                                                                                                                                                                 | Commissioning Schedule |       |                        |      | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
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|                   |                                                    |                  |                                                                                                                                                                                                                                                                                                                                                                                               | Original               |       | Actual(A)/ As Expected |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   |                                                    |                  |                                                                                                                                                                                                                                                                                                                                                                                               | Synch Comm             | COD   | Syn. Comm              | COD  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| Private Sector    |                                                    |                  |                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| 4.                | Malibrahmani TPP<br>M/s Monnet Ispat (Distt-Angul) | 1                | 525                                                                                                                                                                                                                                                                                                                                                                                           | 10/12<br>12/12         | 01/13 | 17-18*                 | ---- | <b>Unit-1:</b> <ul style="list-style-type: none"><li><b>Boiler:</b> Erection started on 18.08.11. Erection of pressure part is in progress, welding of HP joints is in progress. Feeder floor casted 4 mills installed and 4 mills are yet to be installed.</li><li><b>Drum</b> lifted on 21.03.12., HT completed on 3.4.13 Boiler light up expected after restart of work.</li><li><b>ESP:</b> All 4 passes completed and air test done. Control room completed, panel erection and cabling done.</li><li><b>TG:</b> Condenser erection started on 01.08.12, Turbine erection started on 28.01.13. Generator stator erected, TG box up yet to be done.</li></ul> <b>Unit-2:</b> <ul style="list-style-type: none"><li><b>Boiler:</b> Erection started on 10.10.11, 4 out of 8 mills are installed, foundation of PA and FD fans completed. Drum lifted 21.07.12. HT &amp; BLU may be assessed after start of work.</li><li><b>ESP:</b> Erection of pass B, C &amp; D done and pass A yet to be done.</li><li><b>TG:</b> Condenser erection started on 7.02.13 and TG erection started in 08/2015, TG box up may be assessed after restart of work.</li></ul> <b>BoPs:</b> <ul style="list-style-type: none"><li><b>Chimney:</b> Chimney shell casting completed flue can erection for U-I completed, for U-II two top segments erected.</li><li><b>CHP:</b> Fabrication and erection of CHP structure are in progress along with equipment erection could be completed after restart of work.</li><li><b>AHP:</b> Civil work for ash slurry sump, pump house, ash water pump house and silos completed. Pipe erection is in progress.</li><li><b>IDCT:</b> Orders placed to M/s Indure On 22.02.2010. Construction of cooling tower for both the units are completed in all respect, mechanical and electrical erection work not completed.</li><li><b>DM Plant:</b> Civil &amp; structural work is completed mechanical and electrical erection not completed.</li><li><b>PT Plant:</b> Civil work completed, mechanical and electrical erection to be done.</li><li><b>CW System:</b> Pump house completed. Pumps and associated pipe lines erection are to be erected.</li><li><b>FO System:</b> Pump house, tank erection, pipe rack work is yet to be completed.</li><li><b>Fire Protection:</b> Fire water pump house civil construction is completed and mechanical &amp; electrical erection yet to be done.</li><li><b>Switchyard:</b> Construction completed. Commissioning and testing work not completed.</li></ul> <b>*Work held up due to financial constraints</b> |  |  |
|                   |                                                    | 2                | 525                                                                                                                                                                                                                                                                                                                                                                                           | 12/12<br>02/13         | 03/13 | 17-18*                 | ---- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   | Original Estd. Cost                                |                  | :Rs 5093.00 Cr.                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   | Latest Est. Cost                                   |                  | : Rs. 6330.00 Cr                                                                                                                                                                                                                                                                                                                                                                              |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   | Expenditure during 2010-11                         |                  | Rs 63300 lakhs                                                                                                                                                                                                                                                                                                                                                                                |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   | Expenditure during 2011-12                         |                  | :Rs 78292 lakhs                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   | Expenditure during 2012-13                         |                  | :Rs 143681 lakhs                                                                                                                                                                                                                                                                                                                                                                              |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   | Expenditure during 2013-14                         |                  | :Rs 126817 lakhs                                                                                                                                                                                                                                                                                                                                                                              |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   | Expenditure during 2014-15                         |                  | :Rs 120885 lakhs                                                                                                                                                                                                                                                                                                                                                                              |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   | Total Expenditure                                  |                  | :Rs 5329.75 Cr (up to 12/2014)                                                                                                                                                                                                                                                                                                                                                                |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   | Approval date:                                     |                  |                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   | Zero date:                                         |                  | : 12.06.2009                                                                                                                                                                                                                                                                                                                                                                                  |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   | Financial closure                                  |                  | : Achieved on 23.08.2010                                                                                                                                                                                                                                                                                                                                                                      |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   | Main Plant Order                                   |                  | Main plant order placed on M/s BHEL                                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   | BOP Package                                        |                  |                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   | Type of fuel                                       |                  | Coal                                                                                                                                                                                                                                                                                                                                                                                          |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   | PPA                                                |                  | PPA signed with GRIDCO for 117MW for 400 MW with West Bengal through PTC.                                                                                                                                                                                                                                                                                                                     |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   | Power Evacuation system                            |                  | 400KV double circuit transmission line up to proposed PGCIL pooling station, which is 31km away from power plant.                                                                                                                                                                                                                                                                             |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   |                                                    |                  | <ul style="list-style-type: none"><li><b>Land:</b> 770 acre acquired out of 995 acre required.</li><li><b>MOEF:</b> Clearance of MOEF has been obtained</li><li><b>Water:</b> Water allocation done</li><li><b>Coal linkage:</b> Mandakini captive coal mines.</li><li><b>SPCB:</b> Clearance obtained from Orissa SPCB.</li><li><b>Civil Aviation:</b> Clearance obtained from AAI</li></ul> |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                   | Critical issues                                    |                  |                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| Reasons for Delay |                                                    | Paucity of fund. |                                                                                                                                                                                                                                                                                                                                                                                               |                        |       |                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |

| Sl. No.                 | Project Details                                                                           | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Capacity (MW)                                                       | Commissioning Schedule |       |                        |        | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|-------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------|-------|------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                         |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                     | Original               |       | Actual(A)/ As Expected |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                         |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                     | Synch Comm             | COD   | Syn. Comm              | COD    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Private Sector          |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                     |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| 5.                      | KVK Nilachal TPP, Ph-I<br>Kandarei, Odisha<br>(Distt-Dhenkanal)<br>M/s KVK Nilanchal Ltd. | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 350                                                                 | 10/11<br>12/11         | 01/13 | 17-18*                 | 11//16 | <b>Unit-1:</b> <ul style="list-style-type: none"><li>Boiler: Boiler erection started on 20.06.11, structural erection started. Drum lifting may be completed after restart of work.</li><li>ESP: Foundation work completed, structural erection completed upto hopper level.</li><li>TG: Deck casting partially completed, Foundation of all three MDBFPs completed.</li></ul><br><b>BoPs:</b> <ul style="list-style-type: none"><li>Chimney: 90 mtr. Chimney shell completed.</li></ul><br><br><b>Note: No work is under progress presently.</b> |  |
|                         |                                                                                           | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 350                                                                 | 01/12<br>02/12         | 03/13 | Uncertain              | ----   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                         |                                                                                           | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 350                                                                 | 01/12<br>02/12         | 03/13 | Uncertain              | ----   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                         | Original Estd. Cost                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | :Rs 4990.00 Cr.                                                     |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                         | Latest Est. Cost                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | : Rs. 6000.00 Cr                                                    |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                         | Expenditure during 2008-09                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | :Rs 11974.41 lakhs                                                  |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                         | Expenditure during 2009-10                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | :Rs 20861.15 lakhs                                                  |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                         | Expenditure during 2010-11                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | :Rs 35187.00 lakhs                                                  |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                         | Expenditure during 2011-12                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | :Rs 75226.00lakhs                                                   |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                         | Expenditure during 2012-13                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | :Rs 15740.00lakhs                                                   |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                         | Expenditure during 2013-14                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | :Rs 5847.00 lakhs                                                   |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                         | Expenditure during 2014-15                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | :Rs 6000.00 lakhs                                                   |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                         | Total Expenditure                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | :Rs 1708.36 Cr (up to 03/15)                                        |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                         | Approval date:                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                     |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                         | Zero date:                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | : 09.11.2009                                                        |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                         | Financial closure                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | : Achieved for Ph-I(1X350MW) in 07/08 and Ph-II (2X3501MW) in 08/10 |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                         | Main Plant Order                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BTG-Harbin, China, 09.11.09                                         |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| BOP Package             |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                     |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Type of fuel            |                                                                                           | Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                     |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| PPA                     |                                                                                           | PPA signed for (1000MW)                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                     |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Power Evacuation system |                                                                                           | Bulk Power Transmission Agreement (BTPA) with PGCIL                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                     |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                         |                                                                                           | <ul style="list-style-type: none"><li>Land: Required land acquired.</li><li>MOEF: Clearance obtained vide letter no.J-13011/51/20008-IA.II(T) DT.18/02/2009</li><li>Water: Allocated by GoO vide letter irr-ii-wrc-73/08/15032 dt. 15..04.20008 for 48 cusecs from Mahanadi.</li><li>SPCB: Clearance obtained for SPCB Orissa vide letter no..26748/Ind-II-NOC-5065 dt.19.12.2008</li><li>Civil Aviation: Received AAI vide letter No. AAI/20012/131/2007-AR(NOC)</li></ul> |                                                                     |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Critical issues         |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                     |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Reasons for Delay       |                                                                                           | 1.Law and order problem<br>2. Work held-up due to stay by honorable HC of Odisha. From 18.05.12 to 05/2015                                                                                                                                                                                                                                                                                                                                                                  |                                                                     |                        |       |                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |

## BROAD STATUS OF THERMAL POWER PROJECTS IN WEST BENGAL

| Sl. No.                 | Project Details                                                                                       | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Capacity (MW)                  | Commissioning Schedule                                    |       |                        |          | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|-------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------|-------|------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|                         |                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                | Original                                                  |       | Actual(A)/ As Expected |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                         |                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                | Synch Comm                                                | COD   | Syn. Comm              | COD      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| State Sector            |                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                |                                                           |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| 1.                      | Sagardighi TPP Ext. At & Post - Manigram, PS: Sagardighi, Distt-Murshidabad,(WB) Pin-742237 (WBPDCCL) | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 500                            | 03/14                                                     | 11/14 | 31.03.15               | 01.07.16 | U-3<br>• <b>Boiler:</b> erection started on 16.03.12. BLU done on 30.01.15. SBO completed on 11.03.15.<br>• <b>ESP:</b> ESP is completed.<br>• <b>TG:</b> Erection started on 15.07.13 and boxed up in 07/14. Oil flushing completed on 03.03.15.TG put on barring gear on 16.03.15. Unit synchronised on 31.03.15 and re-synchronized on 7.11.15. <b>Full load achieved on 14.12.15 and COD declared on 01.07.2016</b><br><br>U-4<br>• <b>Boiler:</b> Erection started on 16.03.12. HT done on 21.03.14. HT (ND) done on 30.01.2016. BLU done on 19.02.16. SBO completed on 30.06.16. Oil synchronization done on 15.10.16. Full load achieved on 15.12.16.<br>• <b>ESP:</b> One stream is completed in all respect. Insulation and cladding for 2 <sup>nd</sup> stream is in progress.<br><b>TG:</b> Condenser and TG Erection started on 27.08.13 and 10-10-13. TG boxed up on 10.02.16 and put on baring gear on 09.08.16. <b>Full load achieved on 15.12.16 and COD declared on 20.12.2016</b><br><b>BoPs:</b><br>• <b>Chimney:</b> Awarded to M/s Gammon India on 12-04-12. Completed in all respect.<br>• <b>NDCT:</b> Order placed on M/s Paharpur Cooling Tower on 24-08-12. Both CT completed in all respect.<br>• <b>CW System:</b> Erection of all 4 CW pumps of unit#4 completed. CW & ACW system is ready.<br>• <b>CHP:</b> One stream of Track Hopper is operational. Erection of wagon tippler is completed. Stacker Reclaimer erection is in progress. Tripper erection on RHS and LHS of boiler is completed. C&I work is under progress.<br>• <b>AHP:</b> Order placed on M/s Indure Pvt Ltd on 28-11-14 after terminating contract of M/s Techpro Systems Ltd. U#4 BAH mechanical erection & refractory work completed. Compressor building - civil work and compressor erection in progress. AWPB civil work completed and HP/LP pump erection completed. ASPH civil works is in progress.<br>• <b>Water System:</b><br><b>Intake Water System:</b> Civil Works near completion. Pumps and equipment erection is in progress. Commissioning is pending.<br><b>Raw Water System:</b> MCC building completed. Erection of all 4 pumps and electrical panel is completed. Panel commissioning is in progress<br><b>PT Plant:</b> chemical house, Cascade aerator and HRSCC bridge erection completed. CW reservoir completed Chemical house electrical panels & transformer erection are in progress.<br><b>DM Plant:</b> DM storage tank erection completed, DM building completed. DM water equipment erection is in progress.<br>• <b>FOS:</b> FOPH civil work completed. 2nos LDO pump and 3nos HFO pumps commissioned. It is in use for U#3.<br>• <b>FPS:</b> Hydrant pumps and fire pumps for U#3 are ready. Erection & commissioning of all pumps of U#4 completed. PLCC panel not installed. Sensors are being installed.<br>• <b>SWYRD:</b> Switch yard already in use. |  |  |
|                         |                                                                                                       | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 500                            | 06/14                                                     | 02/15 | 15.10.16               | 20.12.16 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                         |                                                                                                       | Original Estd. Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                | : Rs. 534038.00 Lakhs                                     |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                         |                                                                                                       | Estimated cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                | : Rs. 534038.00 Lakhs                                     |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                         |                                                                                                       | Exp. During 2011-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                | : Rs 51864.00 Lakhs                                       |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                         |                                                                                                       | Exp. During 2012-13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                | : Rs 99453.00 Lakhs                                       |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                         |                                                                                                       | Exp. During 2013-14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                | : Rs 112907.00Lakhs                                       |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                         |                                                                                                       | Exp. During 2014-15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                | : Rs 71095.00 Lakhs                                       |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                         |                                                                                                       | Exp. During 2015-16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                | : Rs 40000.00 Lakhs                                       |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                         |                                                                                                       | Exp. During 2016-17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                | : Rs 56500.00 Lakhs                                       |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                         |                                                                                                       | Total Expenditure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                | Rs. 4318.19 Cr. (up to 12/16)                             |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                         |                                                                                                       | Approval date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                |                                                           |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                         |                                                                                                       | Zero date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                | 22.02.2011                                                |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                         |                                                                                                       | Financial closure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                | • Achieved. Tied up with PFC (Debt Equity ratio is 70:30) |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                         | Main Plant Order                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | • Placed on BHEL on 22.02.2011 |                                                           |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| BOP Package             |                                                                                                       | • Order for BOP's placed on<br>• M/s Mc Nally Bharat for CHP on 12.04.12<br>• M/s Indure Pvt. Ltd. for AHP on 28.11.14<br>• M/s Gammon India for Chimney on 12.04.12<br>• M/s Paharpur Cooling tower for NDCT on 24.08.12                                                                                                                                                                                                                                                                                                           |                                |                                                           |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| Type of fuel            |                                                                                                       | Coal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                                                           |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| PPA                     |                                                                                                       | Executed on 31.12.2010 with WBSIEDCL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                                                           |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| Power Evacuation system |                                                                                                       | 400 kV Sagardighi TPS – Gokarna D/C line<br>400 kV Sagardighi – Parulia D/C line<br>LILO of 400 kV Farakha-Jeerat- Subhashgram S/C line at Sagardighi D/C line                                                                                                                                                                                                                                                                                                                                                                      |                                |                                                           |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                         |                                                                                                       | <ul style="list-style-type: none"><li>• <b>Land:</b> Adequate land was acquired during implementation of Phase-I project units (2x300MW).</li><li>• <b>MoE&amp;F Clearance:</b> obtained on 18.05.2011. NOC for “Consent to Establish” obtained.</li><li>• <b>Civil Aviation Clearance:</b> Received on 01.07.2009 from AAI.</li><li>• <b>Water Allocation:</b> NOC received for withdrawal of 60 cusec water from Bhagirathi bu I&amp;W dept. GoWB.</li><li>• <b>SPCB Clearance:</b> Received NOC for consent to operate</li></ul> |                                |                                                           |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| Critical issues         |                                                                                                       | Readiness of AHP, civil works of Vacuum Pump House, Compressor House and Slurry Pump House not yet completed and are still in progress. Water package: Readiness of Intake water system, Equipment erection of DM plant                                                                                                                                                                                                                                                                                                             |                                |                                                           |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| Reasons for Delay       |                                                                                                       | 1. AHP due to change of contractor from M/s Techpro Systems Ltd to M/s Indure Pvt Ltd.<br>2. CHP delayed due to non-availability of material                                                                                                                                                                                                                                                                                                                                                                                        |                                |                                                           |       |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |

| Sl. No.                 | Project Details                                                                                                                            | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Capacity (MW)                                                                                                                                                                                                                                                                                                                                             | Commissioning Schedule |       |                        |       | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
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|                         |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                           | Original               |       | Actual(A)/ As Expected |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|                         |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                           | Synch Comm             | COD   | Syn. Comm              | COD   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
| Private Sector          |                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
| 2.                      | India Power(Haldia) TPP<br>India Power Corporation (Haldia) Ltd.,<br>PO-Shibramnagar, Haldia, Dist.-<br>East Medinipur-721635, West Bengal | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 150                                                                                                                                                                                                                                                                                                                                                       | 10/15<br>11/15         | 11/15 | 01/17<br>02/17         | 03/17 | <b>Unit-1</b><br>• <b>Boiler:</b> Boiler erection started on 25.03.14. Drum lifted on 04.12.14. Pressure part erection completed. HT(D) completed on 16/09/2015. BLU completed on 21.08.16. SBO completed 10.12.16. ID/FD/PA fan erection completed.<br>• <b>ESP:</b> Structural erection 2812MT/2817MT completed. All bottom hopper erected & Air leak test done for all passes.<br>• <b>TG:</b> TG erection started on 16.08.15 Box up completed on 20/05/16. TG oil flushing completed on 14.10.16.<br><b>Unit-2</b><br>• <b>Boiler:</b> Boiler erection started on 25.06.14, Drum lifted in 23.02.15. 1872MT/2526MT structural erection completed. HT(D) completed on 16.09.16. Mills erection is in progress. Erection of ID/FD/PA is in progress.<br>• <b>ESP:</b> 2005MT/2158MT structural erection completed. Hopper erection is in progress.<br>• <b>TG:</b> Deck casting completed.TG erection started on 05/05/16. TG box up expected in 03/17. Condenser erection in progress<br><b>Unit-3</b><br>• <b>Boiler:</b> Boiler erection started on 15.05.15. 1320MT/3274MT structural erection completed. Drum lifted on 14.01.16. Piling of 2/4 mill completed. Excavation for ID/FD/PA has started.<br>• <b>ESP:</b> Foundation completed. 567MT/2158MT structural erection completed. Electrodes, Transformer Rectifiers are to be erected<br>• <b>TG:</b> TG deck raft casting completed. Staging for deck cast in progress.<br>• <b>BoPs:</b><br>• <b>Chimney:</b> Civil work for chimney completed. Flue can erection for U#1, 2 &3 completed. Platform erection completed. Structural staircase erection is under progress.<br>• <b>CT:</b> CT-1 completed and ready for use.<br>CT#2: Erection of FRP structural, fill pack and distribution pipe assembly completed.<br>C T#3: Basin work is in progress.<br>• <b>CW System:</b> CWPB building completed. Erection of 2/4 pump completed and pocket grouting of remaining pump completed for unit#1. Laying of CW pipe completed for all the three units. Forebay and cold water channels completed.<br>• <b>CHP:</b> 2033MT/2500MT Structural erection completed. Crusher house structural erection 461/556MT completed. Erection of SCR is in progress. All TPs and coal gallery are ready. MCC room completed. Civil work of Track Hopper in progress.<br>• <b>AHP:</b> Fluidizing pad erection, roof slab and staircase for Ash Silo#1&2 completed. Mechanical Erection of dewatering bin#1&2 completed. ASPH & AWPB civil work completed and equipment erection under progress. BAH structural erection completed for unit#1. RCC work of ash water recovery pump house completed. Fly Ash extraction towers are ready--Laying of dry ash pipe from ESP to silo is in progress.<br>• <b>PT Plant:</b> Raw water reservoir completed. Pipe line from HDA treatment plant to the power plant completed. Water charged. RGF commissioned and system is operational.<br>• <b>DM plant:</b> DM plant is RO type. Erection of 2nos DM tank and 3nos.CST completed. DM plant commissioned.<br>• <b>FO system:</b> Erection of 2 nos. LDO tank and oil pumps completed and ready for use.<br>• <b>Switch yard:</b> Structural erection of 220KV equipment in switchyard is completed. Testing and commissioning is yet to be conducted.<br>• <b>Fire Protection System:</b> Fire station is ready. Emulsifiers for GTs and STs installed for unit#1.Hydrant system for unit1 erection & commissioning done and is under operation. |  |  |
|                         |                                                                                                                                            | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 150                                                                                                                                                                                                                                                                                                                                                       | 01/16<br>2/16          |       | 09/17<br>10/17         | 11/17 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|                         |                                                                                                                                            | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 150                                                                                                                                                                                                                                                                                                                                                       | 05/16<br>05/16         |       | 01/18<br>02/18         | 03/18 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|                         | Original Estd. Cost                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 2656.00 Cr.                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|                         | Latest Est. Cost                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | : Rs. 3307.00 Cr                                                                                                                                                                                                                                                                                                                                          |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|                         | Expenditure during 2013-14                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 111630 lakhs                                                                                                                                                                                                                                                                                                                                          |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|                         | Expenditure during 2014-15                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 46764 lakhs                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|                         | Expenditure during 2015-16                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 86973 lakhs                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|                         | Expenditure during 2016-17                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | :Rs 61450 lakhs                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|                         | Total Expenditure                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Rs 3068.17Cr. (upto 12/16)                                                                                                                                                                                                                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|                         | Approval date:                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|                         | Zero date:                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 28-11-2013                                                                                                                                                                                                                                                                                                                                                |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|                         | Financial closure                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Achieved on 22.12.2011 with REC                                                                                                                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|                         | Main Plant Order                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Placed to BHEL 29.09.2010                                                                                                                                                                                                                                                                                                                                 |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|                         | BOP Package                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Order for BOP's placed on<br>• M/s Shristi Infrastructural Development Corp. Ltd & Scorpio Engg Pvt. Ltd. for CHP on 20.12.13.<br>• M/s Shristi Infrastructural Development Corp. Ltd & Energo Engg. Project. Ltd. For AHP on 10.01.14.<br>• M/s Simplex Infrastructural Ltd. for Chimney on 09.05.12<br>• M/s Paharpur Cooling tower for CT on 24.03.14. |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|                         | Type of fuel                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Coal                                                                                                                                                                                                                                                                                                                                                      |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
| PPA                     |                                                                                                                                            | .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
| Power Evacuation system |                                                                                                                                            | 220KV Transmission line of length from plant to new haldia sub-station of WBSETCL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|                         |                                                                                                                                            | <ul style="list-style-type: none"><li>• <b>Land:</b> Complete land acquired 213.71 acre, 198 from Haldia Development authority and rest from private.</li><li>• <b>MoE&amp;F:</b> Clearances extended on 30.08.15 upto 12.04.2017 vide letter No. J-13213/16/2014-IA. I(T)</li><li>• <b>Water:</b> 15 MGD water is available from Haldia Development authority.</li><li>• <b>SPCB:</b> NOC received from GoWB.</li><li>• <b>Coal linkage:</b> Long term coal supply agreement No: SNRL/IPC(H)L/FSA 2015-16 between M/s Swaymbhu natural resources private limited and M/s India Power Corporation (Haldia) Ltd.</li><li>• <b>Civil Aviation:</b> NOC vide letter No.AAI/20012/82/2010-ARI(NOC) date 23.10.2010 for construction of chimney extended upto 22.06.2022.</li></ul> |                                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
| Critical issues         |                                                                                                                                            | 1. Completion of mill and bunker bay 2. Readiness of AHP 3. Readiness of Transmission Line for evacuation of power.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
| Reasons for Delay       |                                                                                                                                            | Construction activity was stalled from beginning of 2011 to Sept 2014 due to following reasons:<br>1. Fresh clearance from Pollution Control Board for 3x150MW (Earlier it was acquired for 3x135MW)<br>2. MOEF moratorium for no construction activity in Haldia & Asansol industrial area in West Bengal                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                           |                        |       |                        |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |

# North – Eastern Region

# BROAD STATUS OF NAMRUP REPLACEMENT POWER PROJECT IN ASSAM

## (STATE SECTOR)

| Sl. No. | PROJECT DETAILS                                                    | Cap (MW) | Commissioning Schedule                                                                                                                                                              |       |                             |     | Broad Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Reason for Delay                                                                                                                                                                                                                                                                                                                    |
|---------|--------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                                                    |          | Original                                                                                                                                                                            |       | Actual(A) / As now Expected |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         |                                                                    |          | Syn. comm                                                                                                                                                                           | COD   | Syn. comm                   | COD |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
| I       | COMMISSIONED PROJECTS                                              |          |                                                                                                                                                                                     |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | NIL                                                                |          |                                                                                                                                                                                     |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
| II      | PROJECT UNDER CONSTRUCTION                                         |          |                                                                                                                                                                                     |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
| 1.      | Namrup Replacement Power Project<br>Distt: Dibrugarh (Assam) APGCL | 98.40    |                                                                                                                                                                                     |       |                             |     | <ul style="list-style-type: none"><li>• 30 Acres of land required for the project is available.</li><li>• Work of total erection, commissioning, PG Test and all BOPs (ordering and execution) has been allotted to M/s NBPPL (Joint venture of NTPC &amp; BHEL) on nomination basis with approval of APGCL.</li><li>• Earlier BHEL requested for provisional time extension up to Dec., 2013. APGCL approved formal extension up to Aug., 12 and provisional extension up to June 2013.</li><li>• Main plant civil works was awarded to M/s. Ramky and work was started in 4/10.</li><li>• BHEL/NBPPL terminated the civil contractor M/s. Ramky on 05/09/13 &amp; BHEL terminated M/s. NBPPL on 22.11.13 for their poor performance.</li><li>• Tender for new civil contractor for balance civil work floated by BHEL on 18.12.13. Civil contract awarded on 13.03.14 to M/s Power Mech Projects &amp; work started in 05.05.14.</li><li>• <b>GT&amp;GTG:</b> Gas Turbine and Generator placed on foundation. GT put on barring gear on 01.03.2016 and cranking completed on 05.08.16. FSNL achieved on 3.1.17. <b>GT synchronized on 03.01.17. Commissioning is expected in 01/17 (open cycle).</b></li><li>• <b>ST:</b> HRSG work started in 01/12 and insulation work nearing completion. TG erection started in October'16. ST commissioning is expected in by 10/17 (Combined cycle).</li></ul> | Delay in start of civil work by 7 months and delay in civil work by another 7 months. Termination of civil & BoP contracts due to poor performance and re-awarded to new contractors by BHEL, failure of SFC and Power module cards. Readiness of GBC <u>Critical Issue</u> -Completion of balance civil works by new civil agency. |
|         | GT                                                                 | 62.25    | 08/11<br>09/11                                                                                                                                                                      | 01/12 | 1/17(A)<br>01/17            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | ST                                                                 | 36.15    | 11/11<br>01/12                                                                                                                                                                      | 01/12 | 09/17<br>10/17              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Date of sanction of the project                                    |          | 17.03.2007                                                                                                                                                                          |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Project sanctioning Authority                                      |          | Govt of Assam                                                                                                                                                                       |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Date of Investment Approval                                        |          | 17.03.2007                                                                                                                                                                          |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Org. Est. cost                                                     |          | Rs 41100 Lakhs                                                                                                                                                                      |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Latest cost                                                        |          | Rs 69373 Lakhs                                                                                                                                                                      |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Exp. During 2007-08                                                |          | Rs 23 Lakhs                                                                                                                                                                         |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Exp. During 2008-09                                                |          | Rs 1816 Lakhs                                                                                                                                                                       |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Exp. During 2009-10                                                |          | Rs 1799 Lakhs                                                                                                                                                                       |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Exp. During 2010-11                                                |          | Rs 2159 Lakhs                                                                                                                                                                       |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Exp. During 2011-12                                                |          | Rs 12363 Lakhs                                                                                                                                                                      |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Exp. During 2012-13                                                |          | Rs 10640 Lakhs                                                                                                                                                                      |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Exp. During 2013-14                                                |          | Rs 2105 Lakhs                                                                                                                                                                       |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Exp. During 2014-15                                                |          | Rs 2005 Lakhs                                                                                                                                                                       |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Exp. During 2015-16                                                |          | Rs 12870 Lakhs                                                                                                                                                                      |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Exp. During 2016-17 (09/16)                                        |          | Rs 2680 Lakhs                                                                                                                                                                       |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Cumulative exp up to (09/16)                                       |          | Rs 48460 Lakhs                                                                                                                                                                      |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Date of Main Plant Order (LOI)                                     |          | : 31.12.2008 ( EPC ) on M/s BHEL                                                                                                                                                    |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Zero date of the project                                           |          | : 09.02.2009                                                                                                                                                                        |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Type of fuel                                                       |          | Natural Gas                                                                                                                                                                         |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Fuel Source                                                        |          | Gas supply agreement made with Oil India Limited for 0.66 MMSCMD of natural gas. Gas Transportation agreement with Assam Gas Company Ltd. through existing Gas supply line to NTPS. |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
|         | Power Evacuation                                                   |          | A LILO of about 1 km will be constructed to connect with the existing Namrup – Tinsukia 220 kV D/C line.                                                                            |       |                             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |